



FIBER OPTIC PATCHCORDS

PRODUCT CATALOG

≡ **ConnLink**

2022 EDITION



☰ ConnLink

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FIBER OPTIC PATCHCORDS

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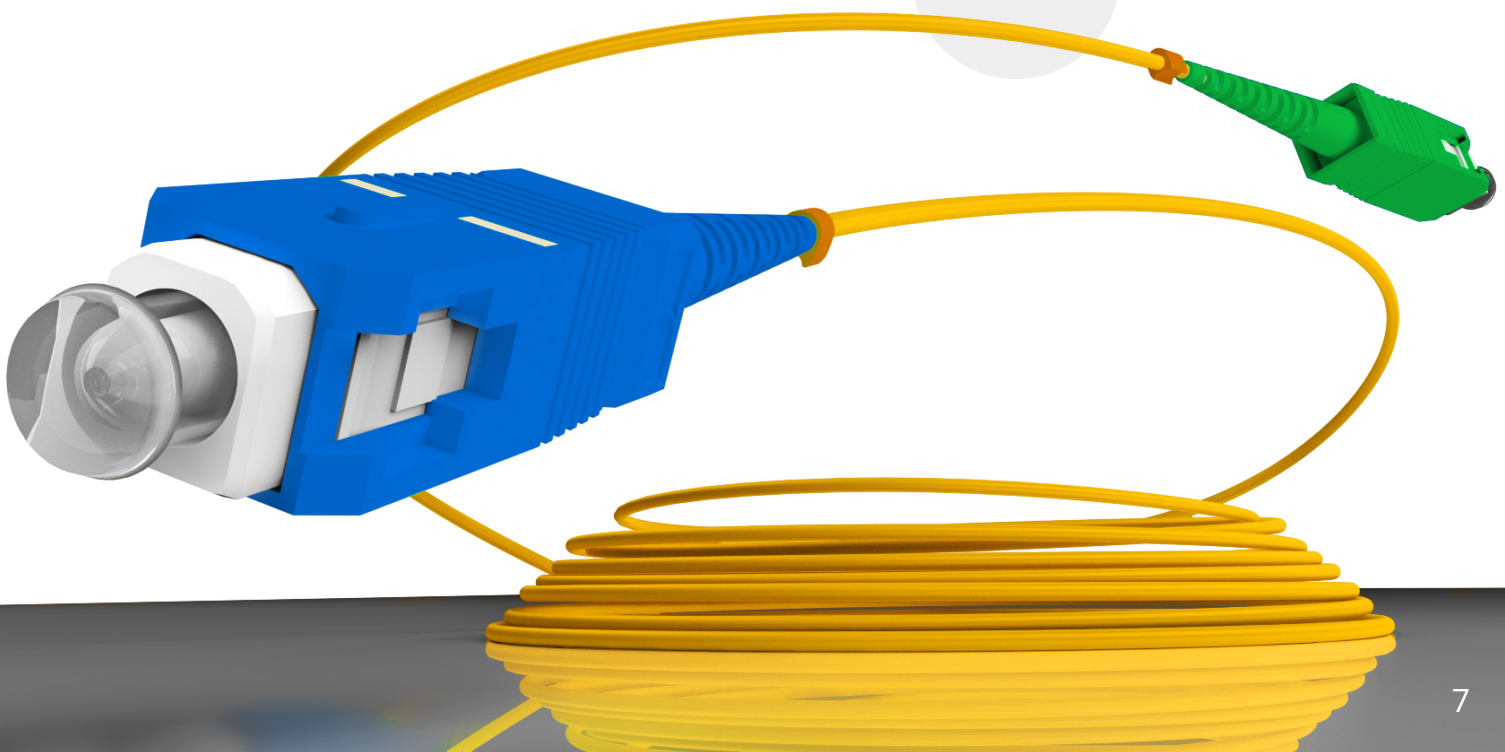
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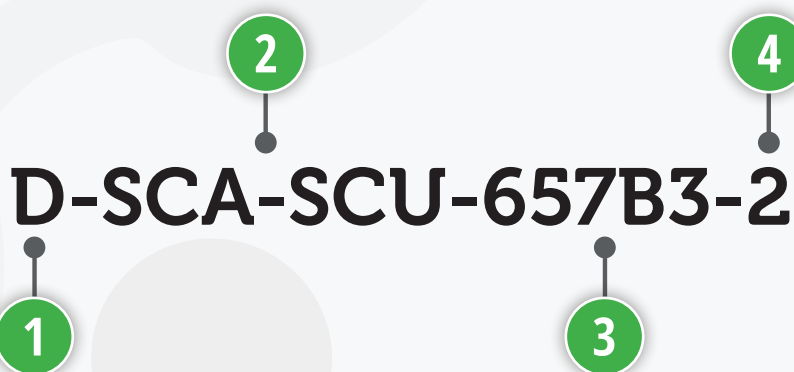


ConnLink – The brand of fiber optic patchcords made of the highest quality components to ensure the best and repeatable transmission parameters. All products have gone through a meticulous selection and quality control using specialized polishing machines and modern measuring equipment. ConnLink offers fiber optic patchcords in any configuration of connectors and length, on single mode (SM) and multimode (MM) fibers, in SIMPLEX or DUPLEX version, for indoor and outdoor applications. Patchcords are designed for optical links crossover in telecommunication networks, MAN, WAN, LAN and FTTx networks: FTTD, FTTB, FTTH.

In order to ensure constant high availability of products, short delivery times and unbeatable price conditions while maintaining very good quality, a part of production processes is carried out in Poland by the main distributor of ConnLink brand - the xbest.pl company.

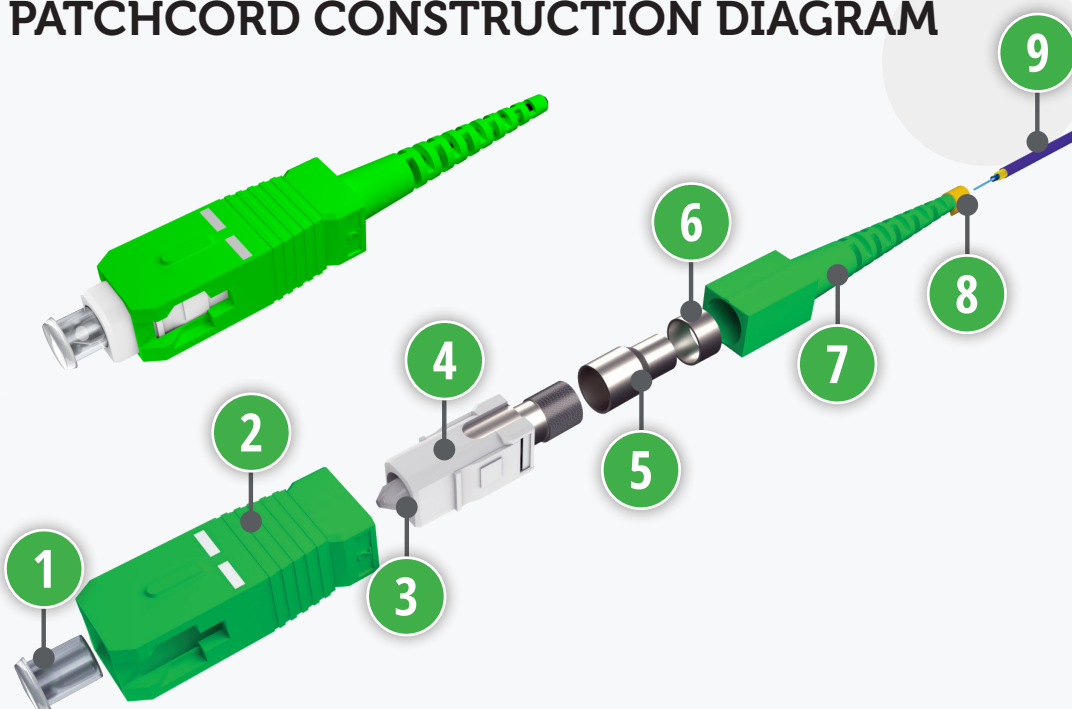


EXAMPLE IDENTIFICATION CODING OF THE CONNLINK FIBER OPTIC PATCHCORD



EXAMPLE IDENTIFICATION OF CONNLINK FIBER OPTIC PATCHCORD		
No.	PRODUCT CODE	DESCRIPTION
1	S / D / MXX	Number of fibers, successively: Simplex, Duplex, Multipatchcord XX, where XX means number of fibers
2	E2000A / E2000U / FCA / FCU / LCA / LCU / SCA / SCU / STA / STU / MTRJ / MPO	Connector type located on both sides of the patchcord
3	G.652D / G.657A2 / G.657B3 / OM1 / OM2 / OM3 / OM4 / OM5	Type of fiber used
4	0.5 / 1 / 2 / 3 / (...)	Patchcord length
ADDITIONAL IDENTIFICATION		
5	NONE / G / P	Quality class: Silver, Gold, Platinum
6	ARM3L / ARM3P / ARM7L	Coating type and diameter of armored patchcords
7	A / B	Configuration type in patchcords with MPO connectors

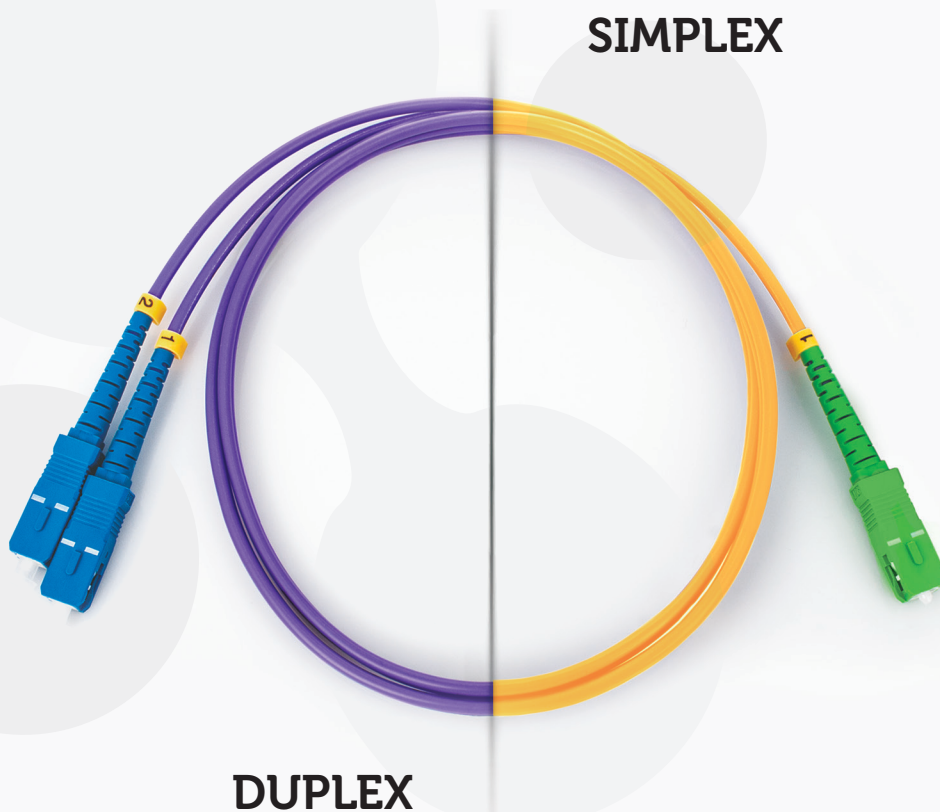
PATCHCORD CONSTRUCTION DIAGRAM



PATCHCORD CONSTRUCTION DIAGRAM	
No.	DESCRIPTION
1	Dust Cap
2	Connector housing
3	Ceramic ferrule ground at right angle - UPC or at 8° angle - APC
4	Connector body
5	Clamping eyelet
6	Clamping ring
7	Bend protector (BOOT)
8	Cable ID
9	Cable jacket

CONNLINK FIBER OPTIC PATCHCORD CONFIGURATIONS

In the production process of Connlink fiber optic patchcords high quality optical fibers were used, based on a preform from Japanese manufacturer - Furukawa, providing attenuation at a constant low level. Fibers are compliant with telecommunication standardization sector (ITU-T) and are available in Single Mode: G.652D, G.657A1 / A2 / B2 and G.657B3 as well as MultiMode: OM1, OM2, OM3, OM4, OM5. Connlink patchcord jacket is made of LSZH, PVC, PE or PU. Depending on used fiber and Coating material, patchcords are available in colors corresponding to particular type.



Fiber type	Class	Connector type	Ferrule front	Patchcord type	Jacket	Coating color
G.652D	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	YELLOW
G.657A1/A2/B2	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH, PVC, PE, PU	WHITE, BLACK, BLUE
G.657B3	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	PURPLE
OM1	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	ORANGE
OM2	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	ORANGE
OM3	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	TURQUOISE
OM4	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	PINK
OM5	SILVER/GOLD/PLATINUM	E2000, FC, LC, SC, ST, MTRJ, MPO	APC, UPC	SIMPLEX/DUPLEX	LSZH	LIME

FIBER STANDARD | PHYSICAL CHARACTERISTICS

SINGLE MODE ITU-T G.652D | YELLOW Jacket | LSZH

SINGLE MODE ITU-T G.657A2 | WHITE Jacket | LSZH

SINGLE MODE ITU-T G.657B3 | PURPLE Jacket | LSZH

SINGLE MODE ARMORED ITU-T G.657A2 | BLUE Jacket | LSZH

SINGLE MODE ARMORED ITU-T G.657A2 | BLACK Jacket | LSZH / PE

MULTI MODE ITU-T OM1 | ORANGE Jacket | LSZH

MULTI MODE ITU-T OM2 | ORANGE Jacket | LSZH

MULTI MODE ITU-T OM3 | TURQUOISE Jacket | LSZH

MULTI MODE ITU-T OM4 | PINK Jacket | LSZH

MULTI MODE ITU-T OM5 | LIME Jacket | LSZH

PATCHCORD QUALITY CLASSES - TECHNICAL PARAMETERS

ConnLink, the producer of fiber optic patchcords, facing a dynamically developing telecommunication market, prepared 3 different classes of products - SILVER, GOLD and PLATINUM, differing in their technical parameters.

SILVER class is the most basic one and guarantees repeatability of optical parameters and low attenuation. SILVER patchcords are used in telecommunication networks with a large power budget. They provide the best price to quality ratio.

GOLD product group consists of carefully selected fiber optic patchcords complying with Premium standards, characterized by very good optical properties and technical parameters. High quality connectors made of plastic and a ceramic ferrule ensure low attenuation and high reflectance.

PLATINUM series is dedicated to the most demanding users, who care about the highest quality of connection and best transmission parameters. Precise selection, use of highest quality materials and meticulous control at every stage of production ensure much lower attenuation and improved optical parameters in comparison to SILVER and GOLD classes. PLATINUM patchcords are recommended for teletechnical networks with a limited power budget and for use with measuring devices.

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

PATCHCORD CONNLINK E2000/APC-E2000/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-E2000/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC).

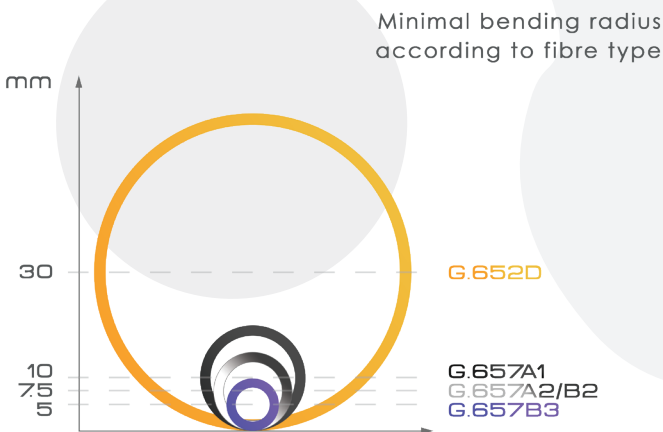
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



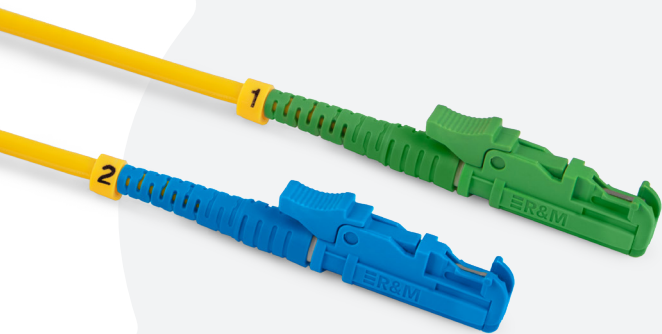
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-E2000/APC, SM	E2000/APC-E2000/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-E2000/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink E2000/APC-E2000/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC) and at right angle (E2000/UPC).

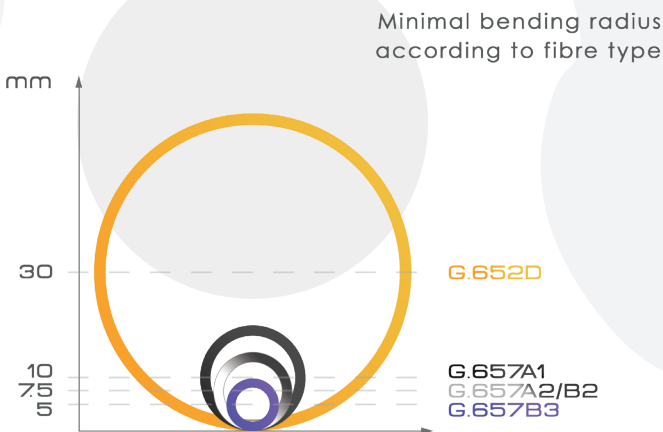
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

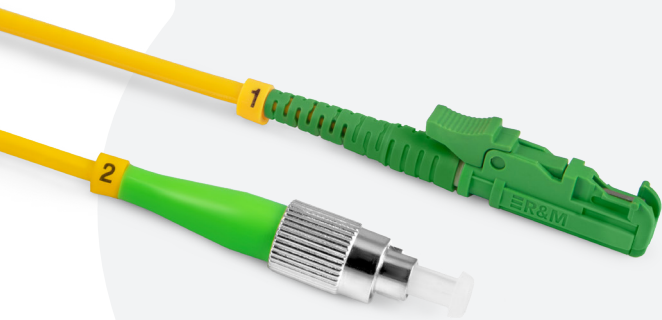


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-E2000/UPC, SM	E2000/APC-E2000/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/APC-FC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-FC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC, FC/APC).

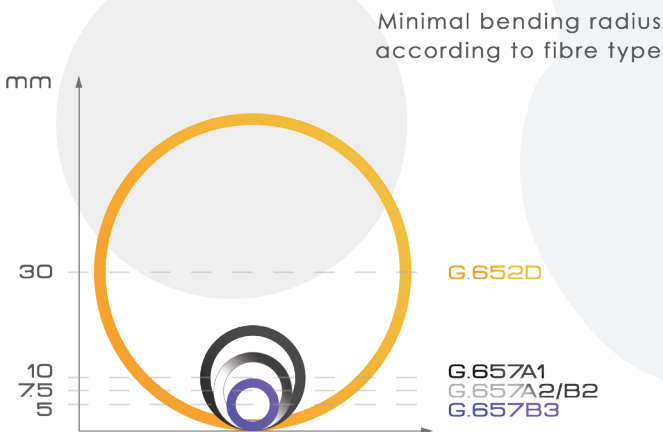
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



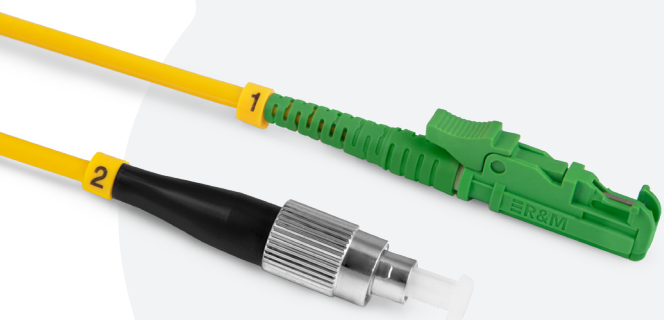
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-FC/APC, SM	E2000/APC-FC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-FC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-FC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC) and at right angle (FC/UPC).

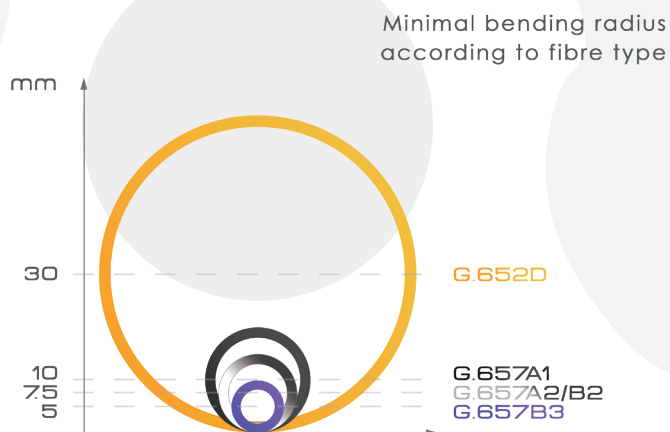
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

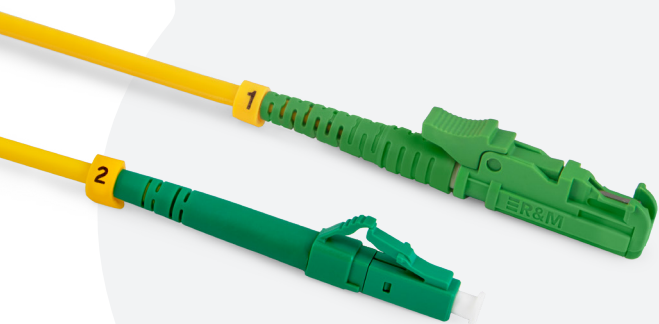


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-FC/UPC, SM	E2000/APC-FC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/APC-LC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-LC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC, LC/APC).

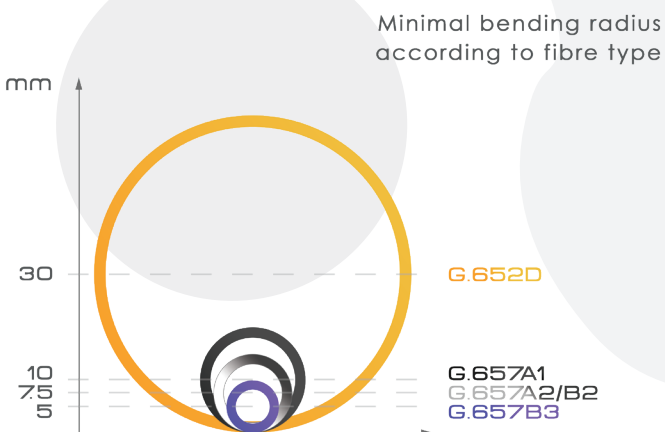
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



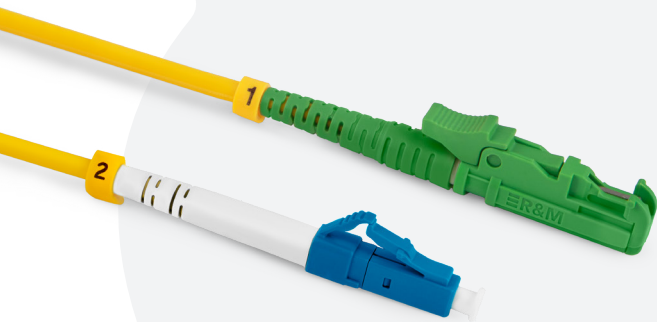
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-LC/APC, SM	E2000/APC-LC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC) and at right angle (LC/UPC).

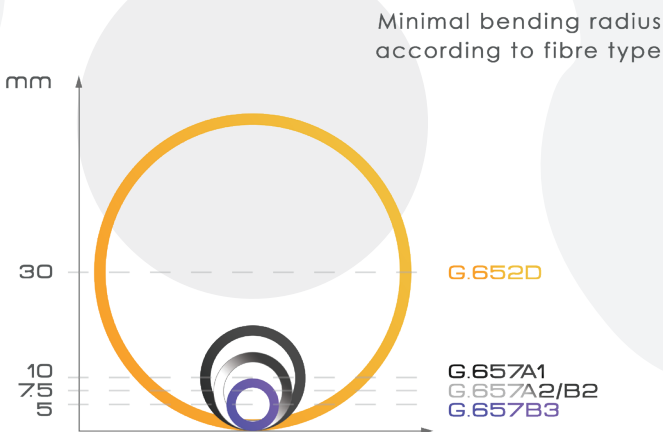
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

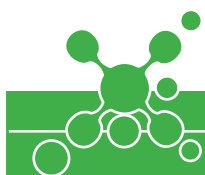
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

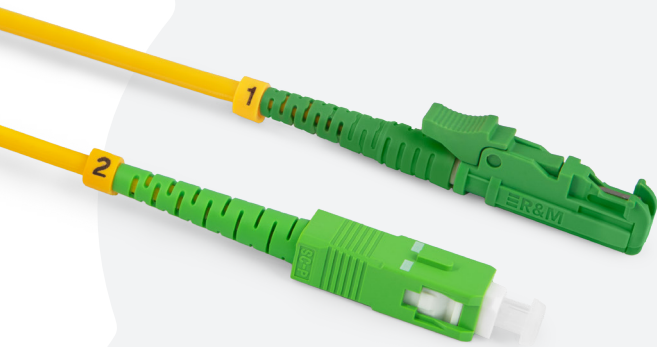


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-LC/UPC, SM	E2000/APC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/APC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC, SC/APC).

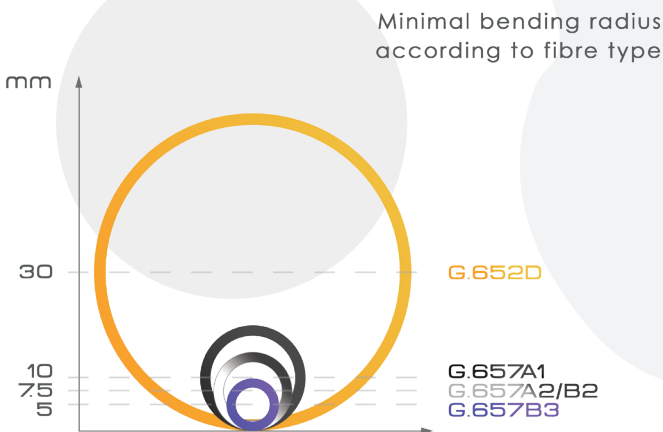
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



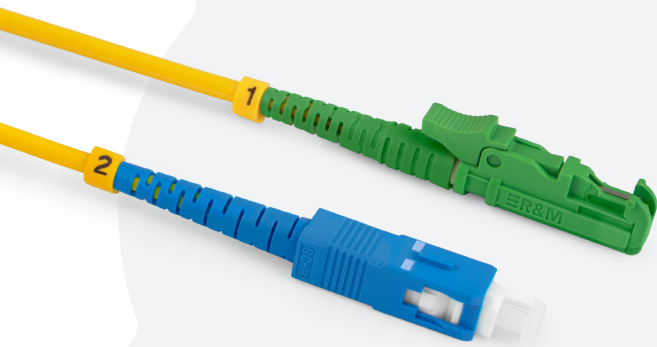
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-SC/APC, SM	E2000/APC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC) and at right angle (SC/UPC).

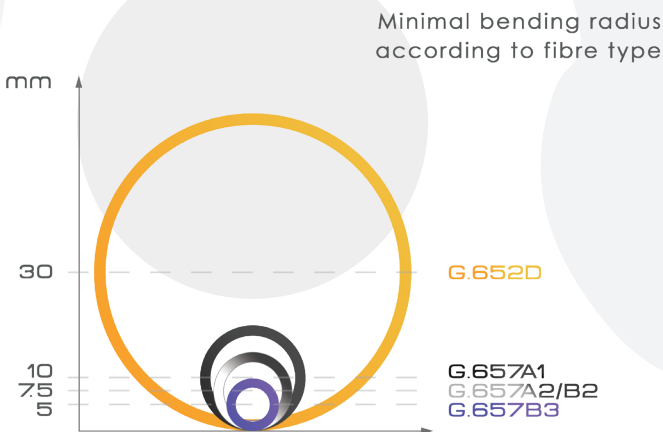
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

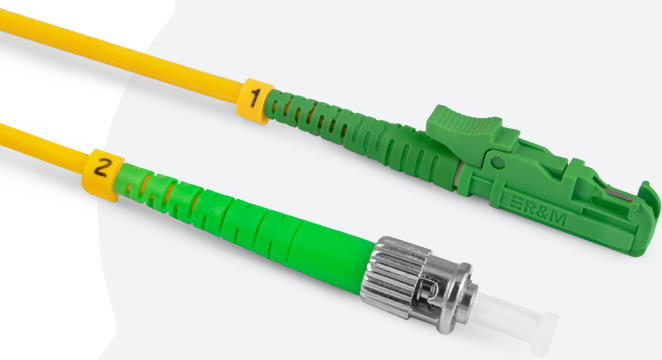
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-SC/UPC, SM	E2000/APC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink E2000/APC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC, ST/APC).

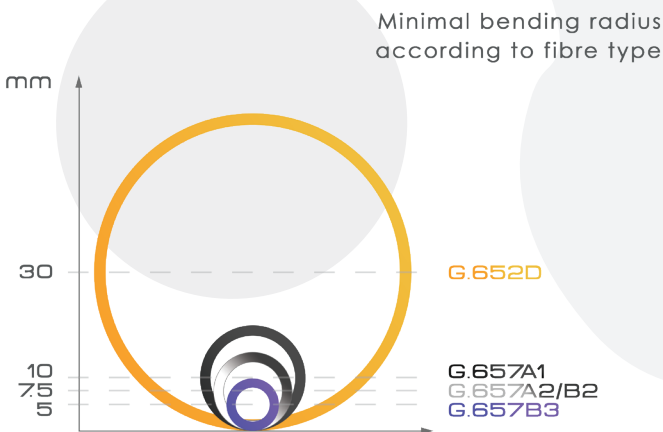
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



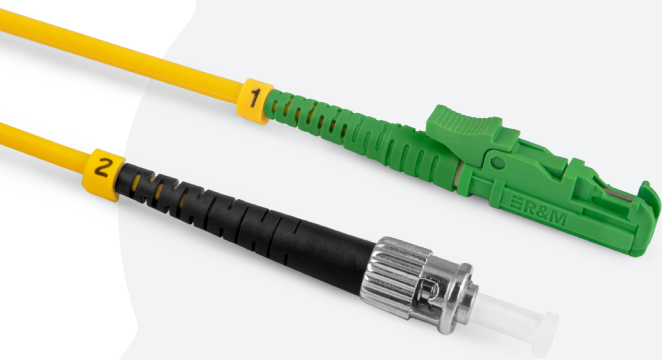
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-ST/APC, SM	E2000/APC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/APC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/APC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC) and at right angle (ST/UPC).

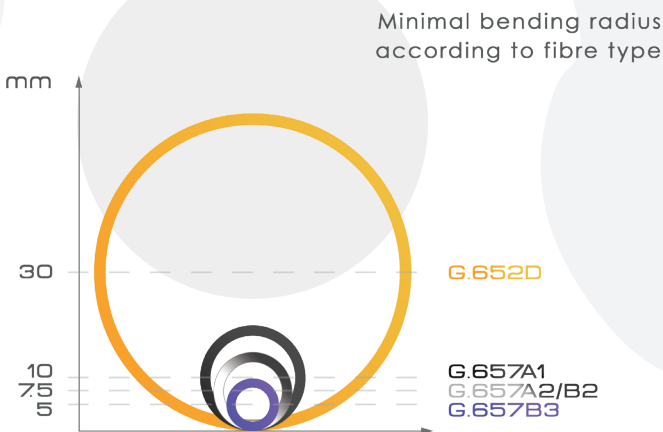
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-ST/UPC, SM	E2000/APC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink E2000/APC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (E2000/APC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

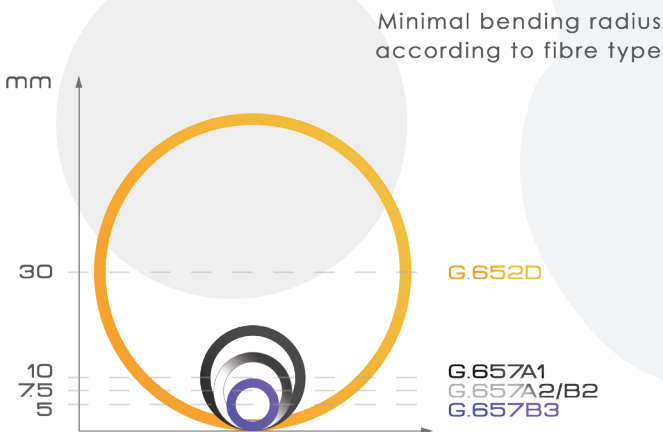
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



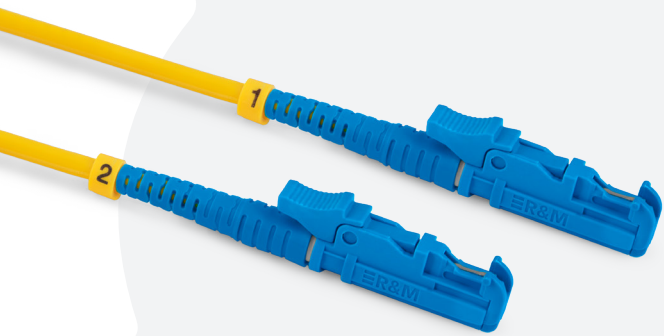
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/APC-MTRJ, SM	E2000/APC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-E2000/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-E2000/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC).

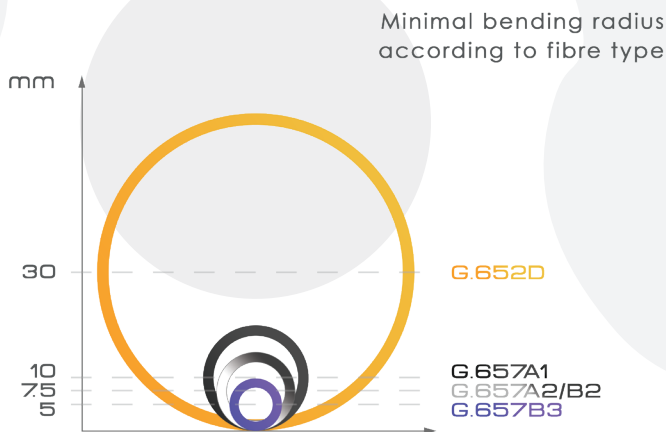
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



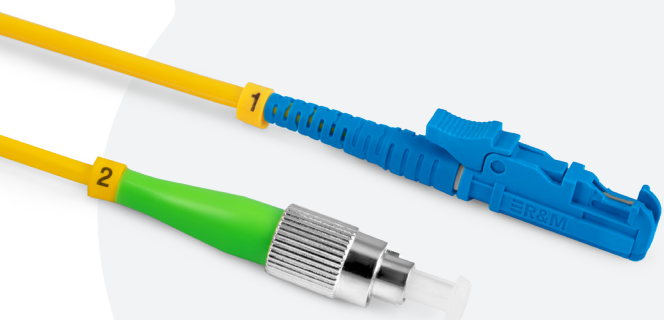
Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-E2000/UPC, SM	E2000/UPC-E2000/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/UPC-FC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3




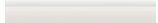


Patchcord ConnLink E2000/UPC-FC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC) and at an 8 degree angle (FC/APC).

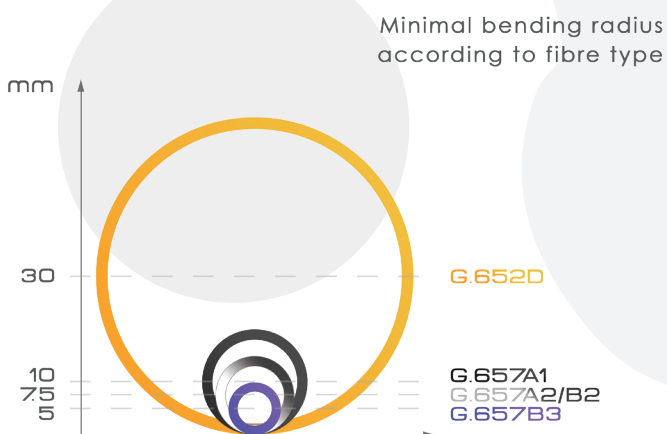
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



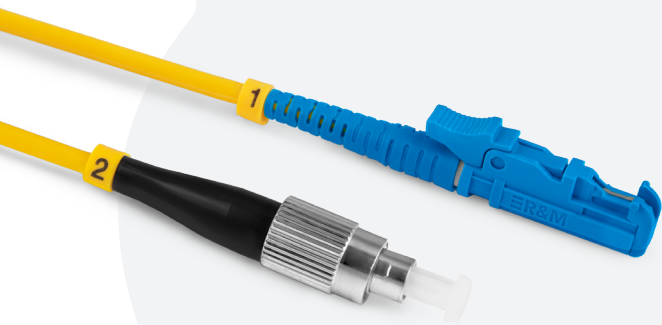
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-FC/APC, SM	E2000/UPC-FC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-FC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-FC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, FC/UPC).

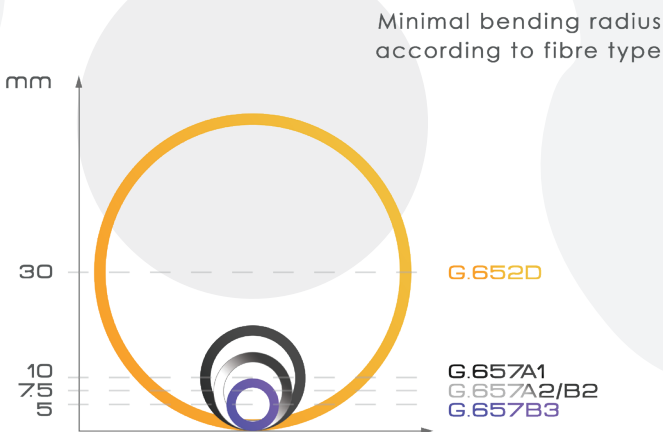
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

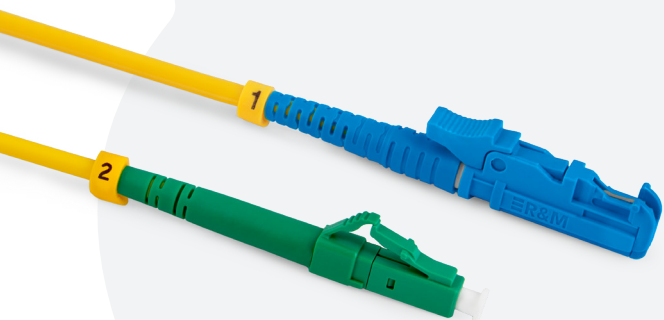
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-FC/UPC, SM	E2000/UPC-FC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-LC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink E2000/UPC-LC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC) and at an 8 degree angle (LC/APC).

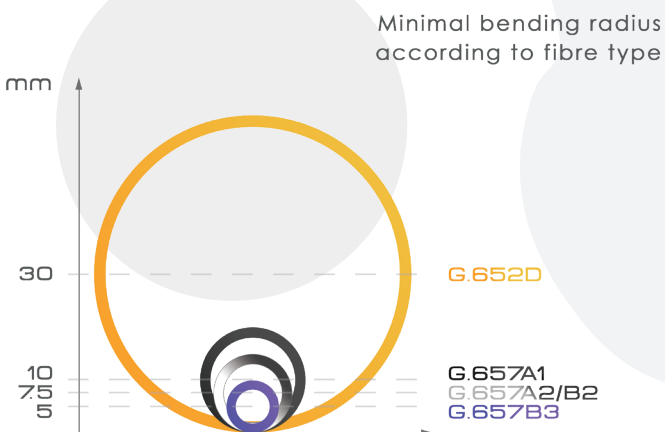
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



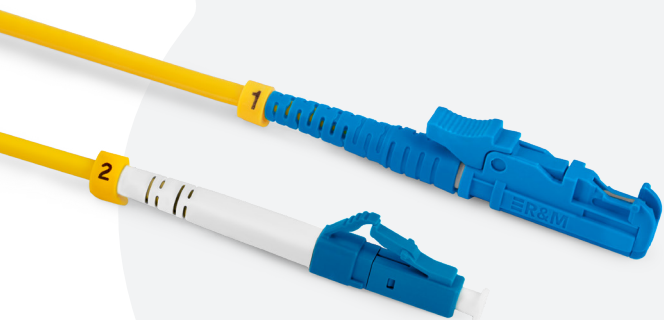
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-LC/APC, SM	E2000/UPC-LC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, LC/UPC).

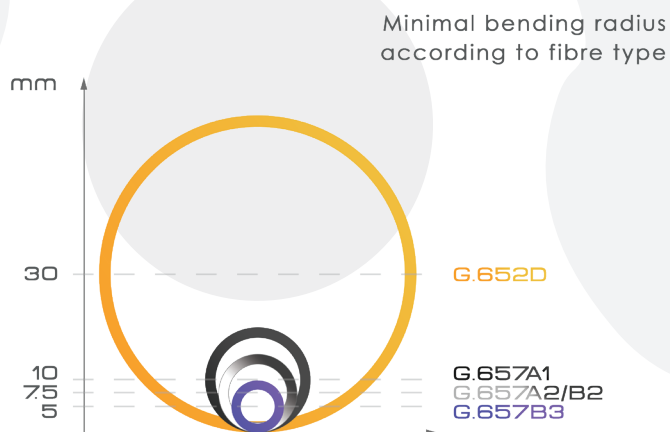
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

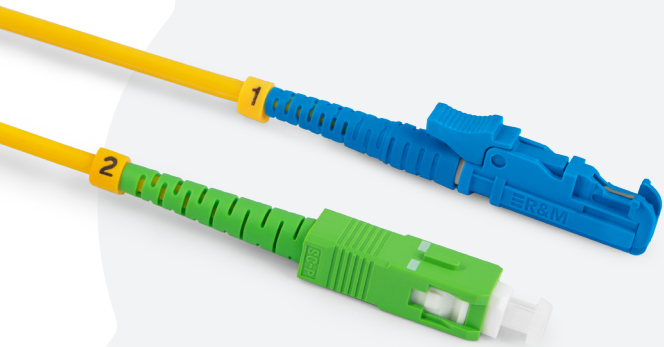


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-LC/UPC, SM	E2000/UPC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/UPC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink E2000/UPC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC) and at an 8 degree angle (SC/APC).

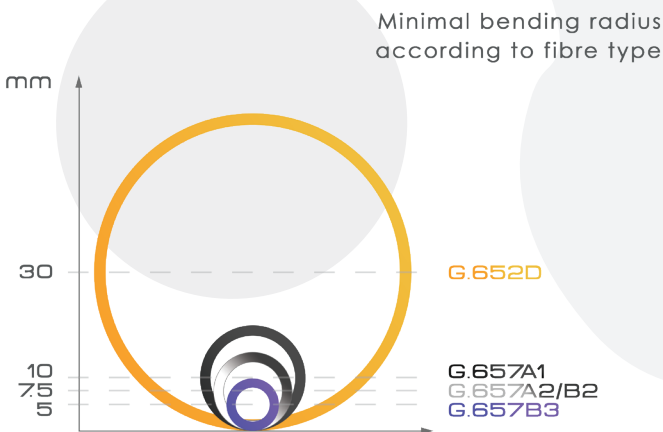
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

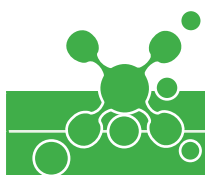
- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



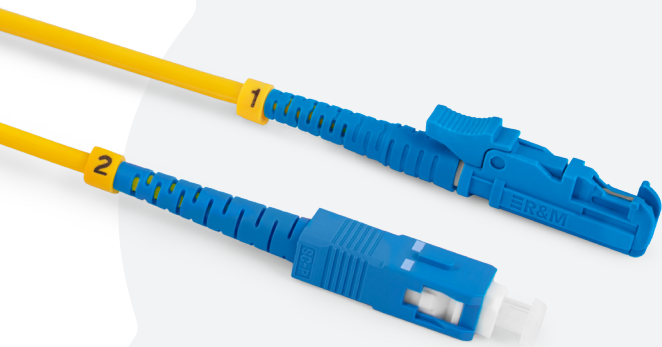
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-SC/APC, SM	E2000/UPC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, SC/UPC).

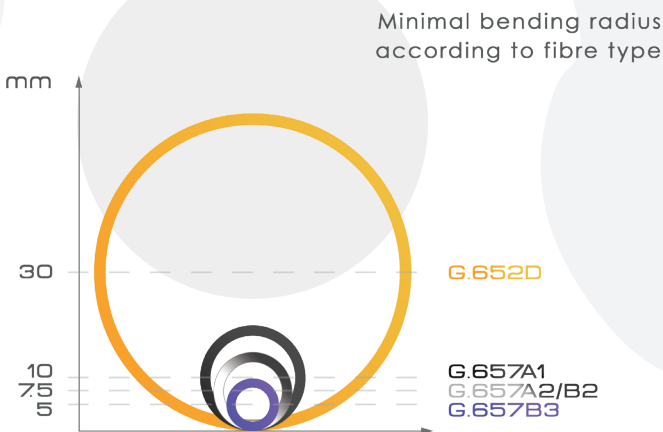
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

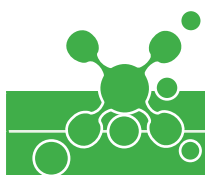
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

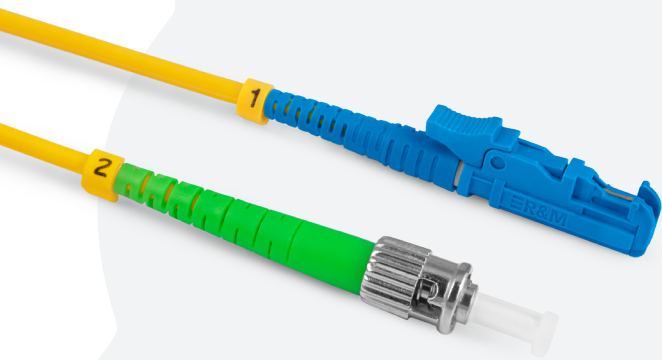


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-SC/UPC, SM	E2000/UPC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/UPC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC) and at an 8 degree angle (ST/APC).

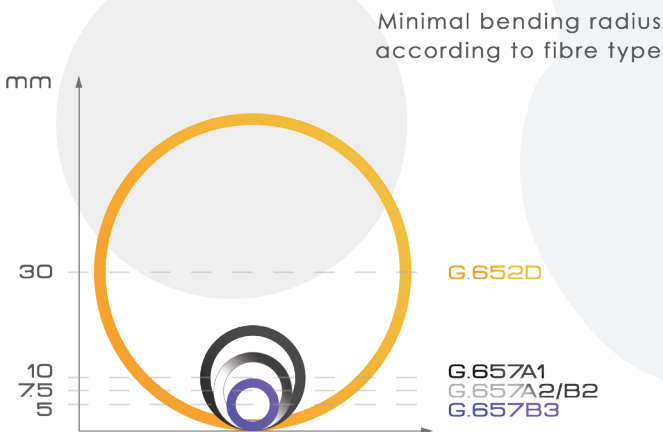
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



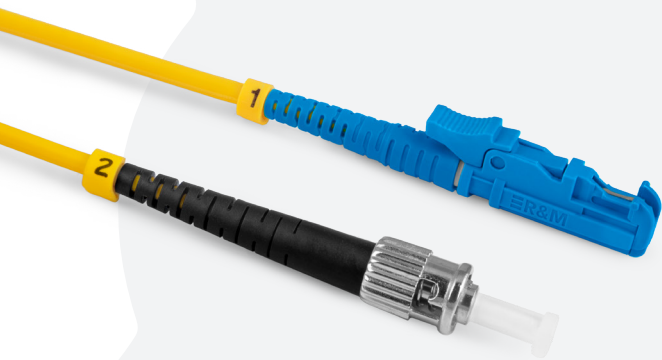
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-ST/APC, SM	E2000/UPC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK E2000/UPC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, ST/UPC).

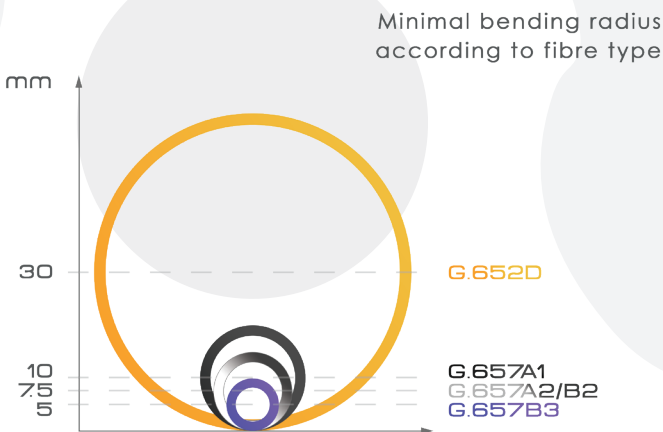
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



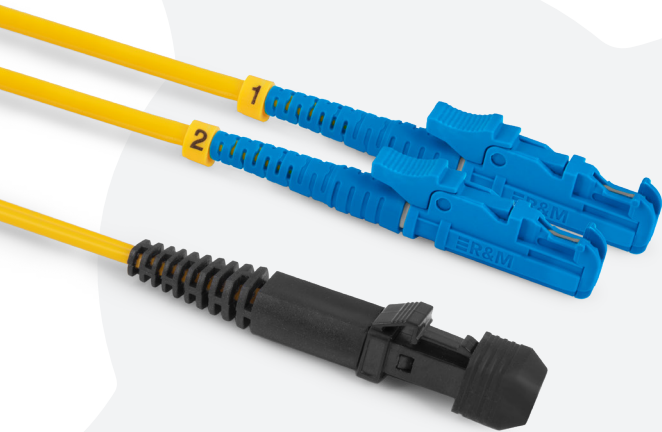
Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-ST/UPC, SM	E2000/UPC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/UPC-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink E2000/UPC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

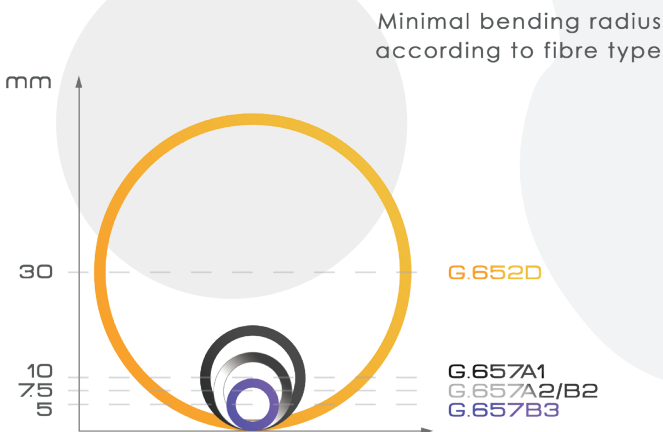
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-MTRJ, SM	E2000/UPC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-FC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-FC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC).

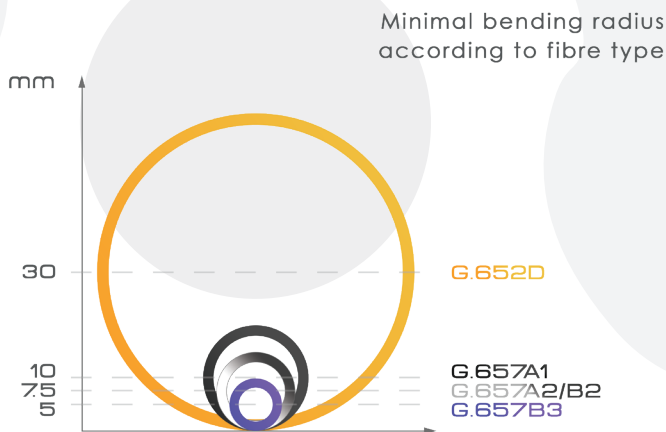
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

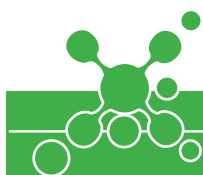
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-FC/APC, SM	FC/APC-FC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/APC-FC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-FC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC) and at right angle (FC/UPC).

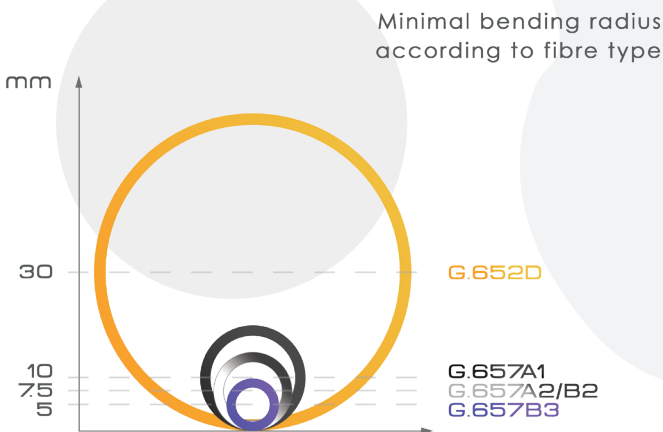
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-FC/UPC, SM	FC/APC-FC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-LC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/APC-LC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC, LC/APC).

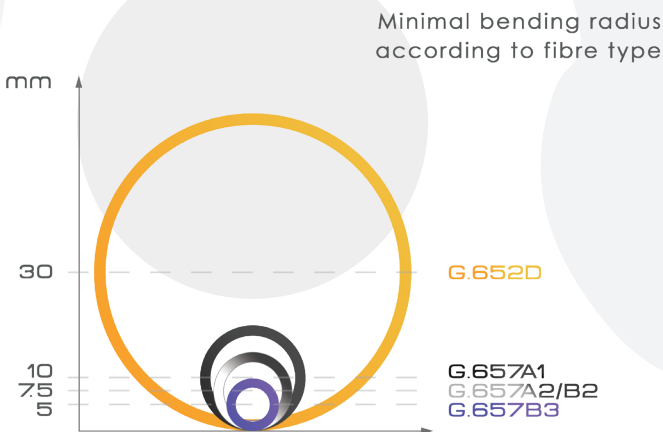
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-LC/APC, SM	FC/APC-LC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/APC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC) and at right angle (LC/UPC).

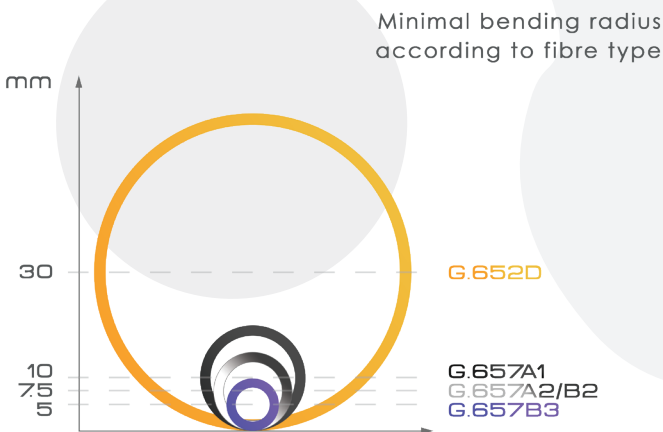
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



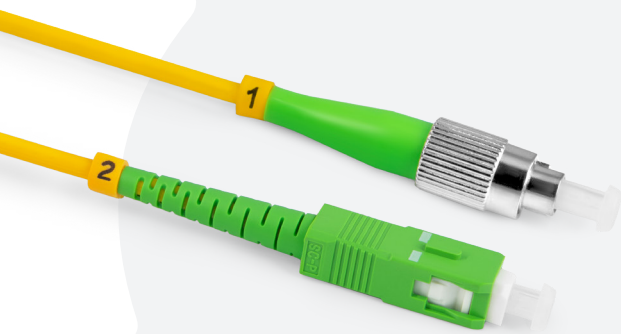
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-LC/UPC, SM	FC/APC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC, SC/APC).

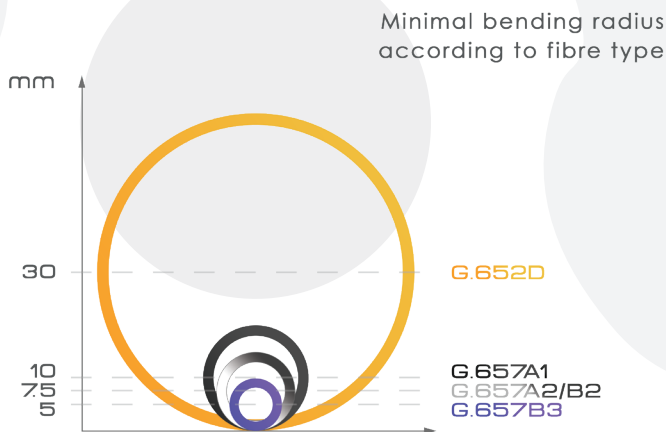
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

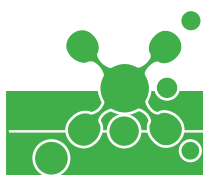
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

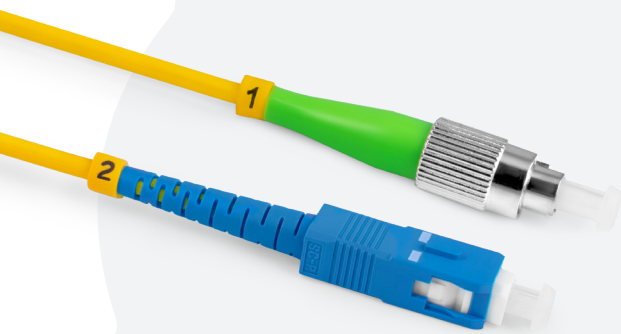


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-SC/APC, SM	FC/APC-FC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/APC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/APC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC) and at right angle (SC/UPC).

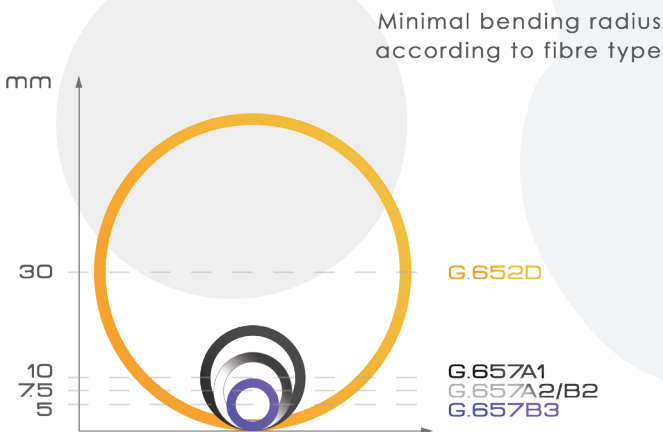
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

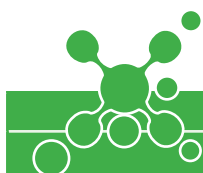
- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



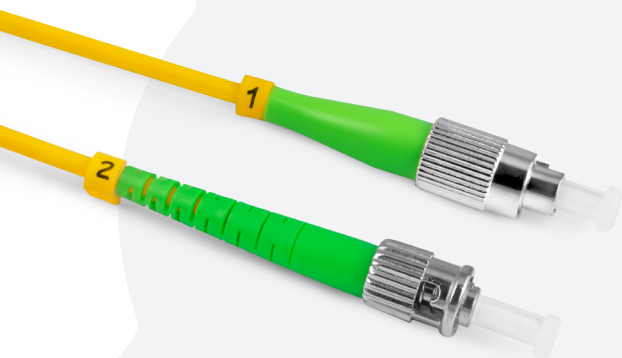
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-SC/UPC, SM	FC/APC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC, ST/APC).

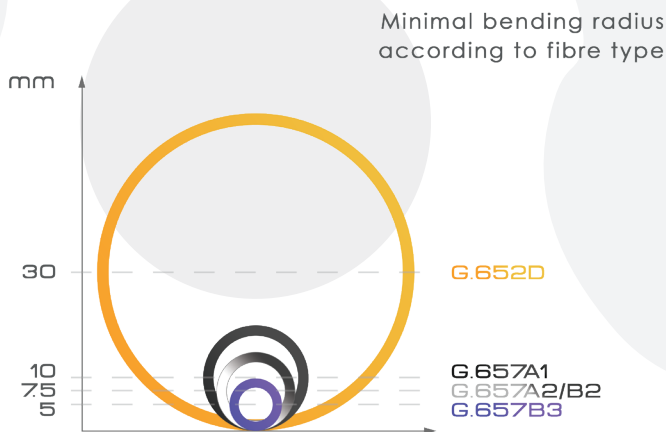
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-ST/APC, SM	FC/APC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/APC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC) and at right angle (ST/UPC).

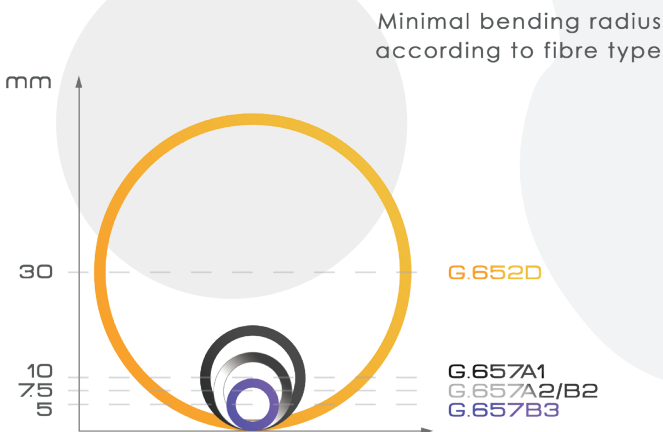
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



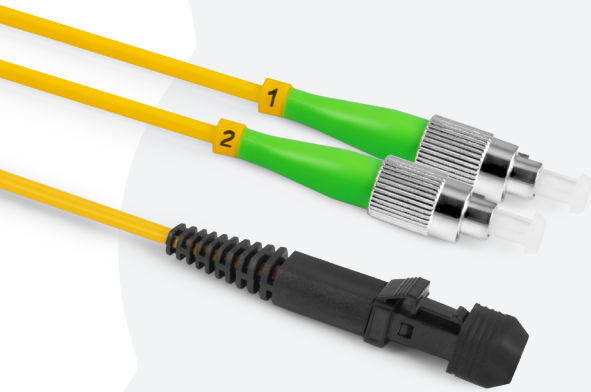
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-ST/UPC, SM	FC/APC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/APC-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/APC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (FC/APC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

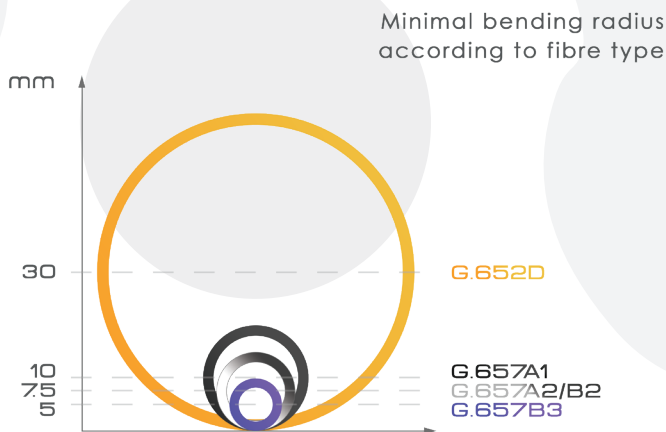
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

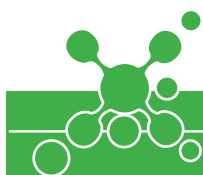
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/APC-MTRJ, SM	FC/APC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/UPC-FC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/UPC-FC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC).

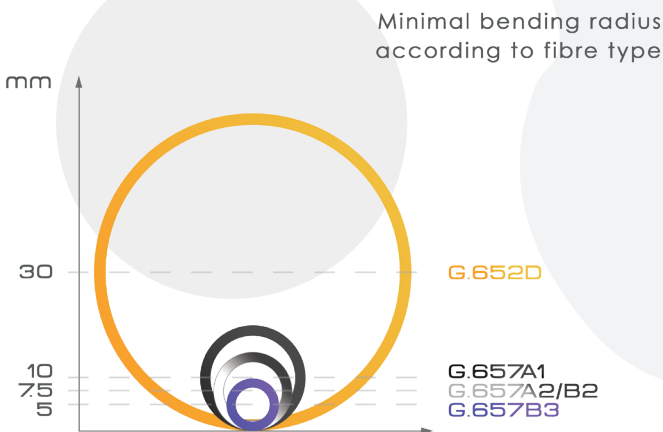
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

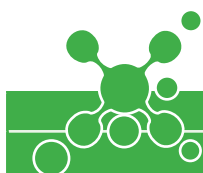
- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-FC/UPC, SM	FC/UPC-FC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/UPC-LC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/UPC-LC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC) and at an 8 degree angle (LC/APC).

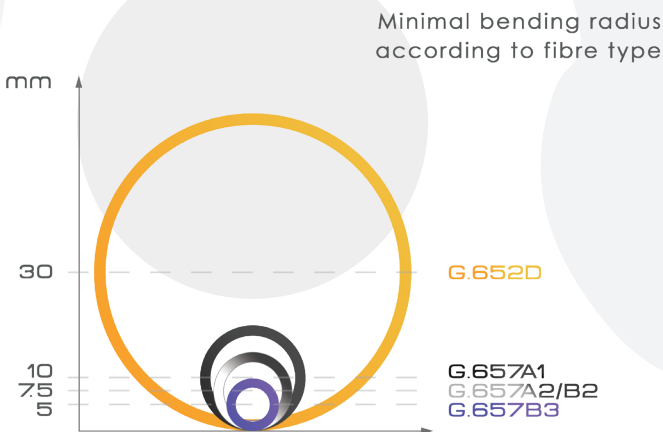
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

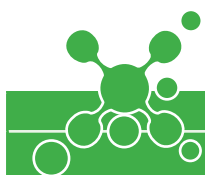
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-LC/APC, SM	FC/UPC-LC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/UPC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/UPC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, LC/UPC).

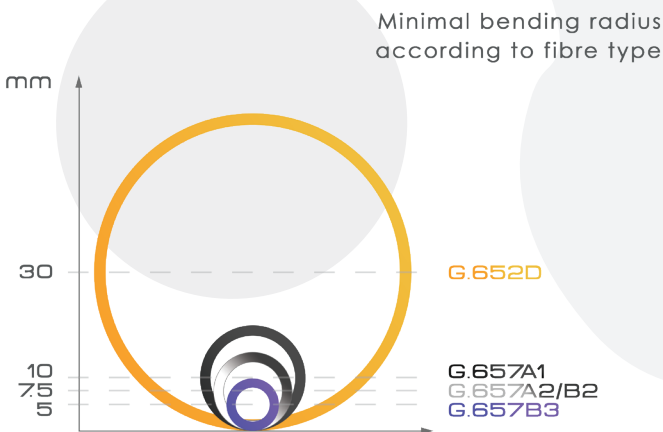
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



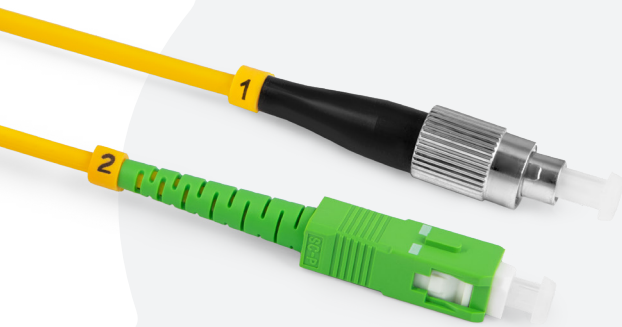
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-LC/UPC, SM	FC/UPC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/UPC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/UPC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC) and at an 8 degree angle (SC/APC).

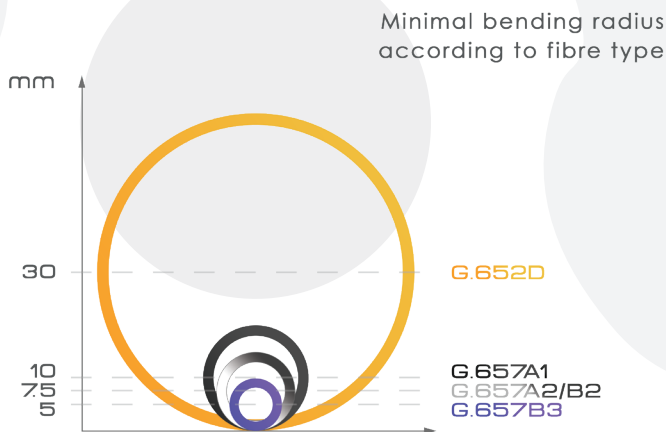
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

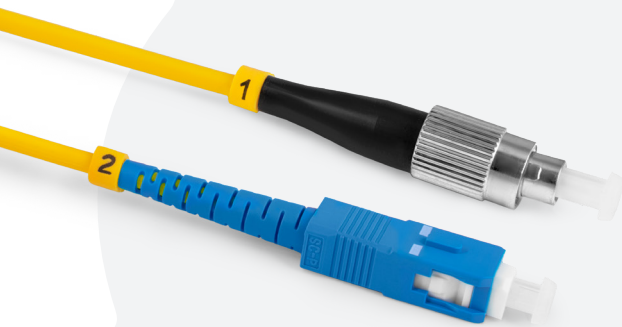


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-SC/APC, SM	FC/UPC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/UPC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/UPC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, SC/UPC).

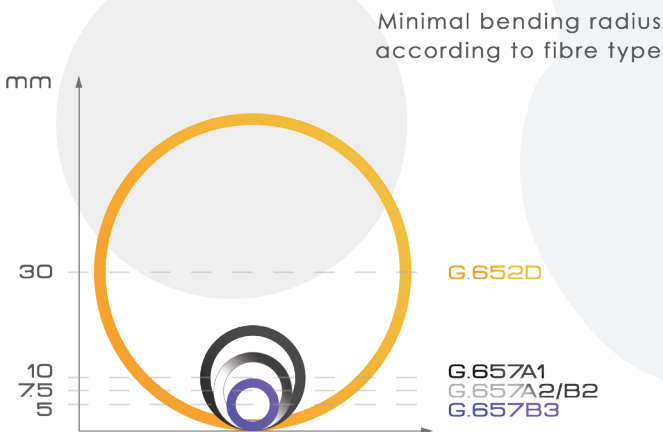
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



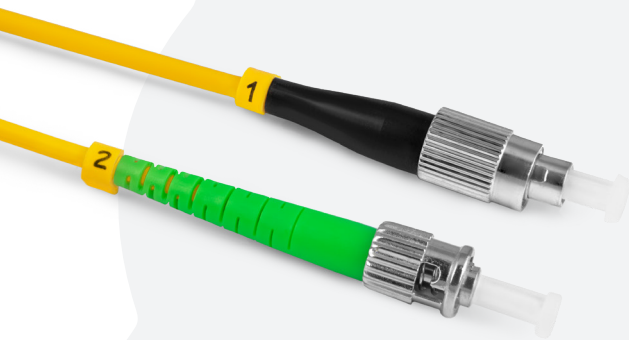
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-SC/UPC, SM	FC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/UPC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink FC/UPC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC) and at an 8 degree angle (ST/APC).

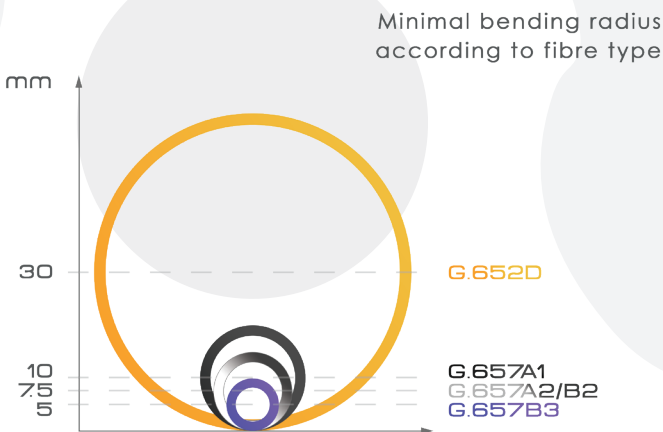
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-ST/APC, SM	FC/UPC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK FC/UPC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/UPC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, ST/UPC).

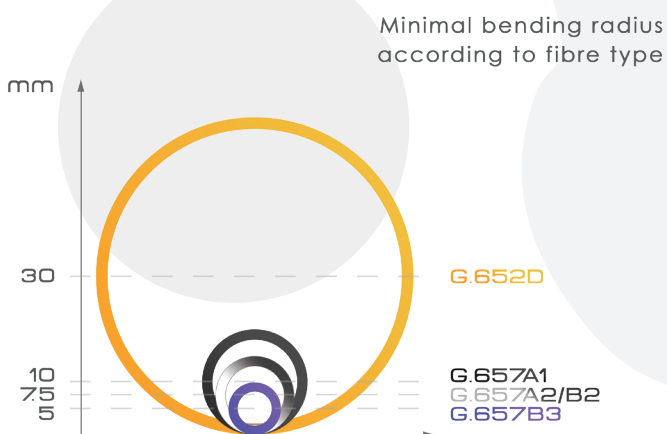
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



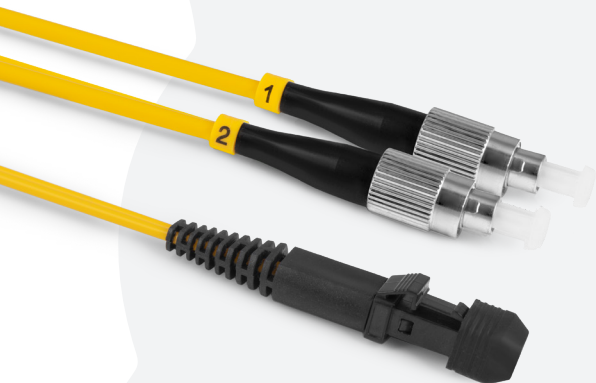
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-ST/UPC, SM	FC/UPC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK FC/UPC-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink FC/UPC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

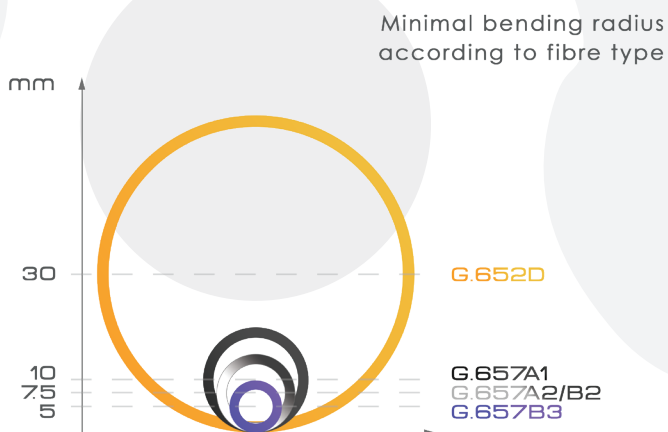
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

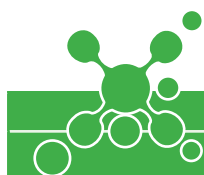
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-MTRJ, SM	FC/UPC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK LC/APC-LC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/APC-LC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC).

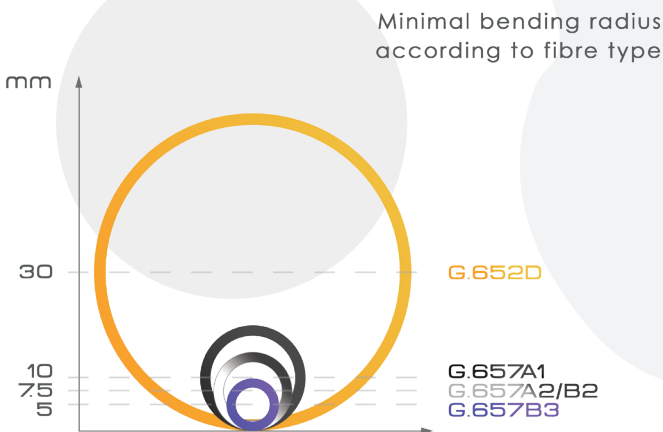
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



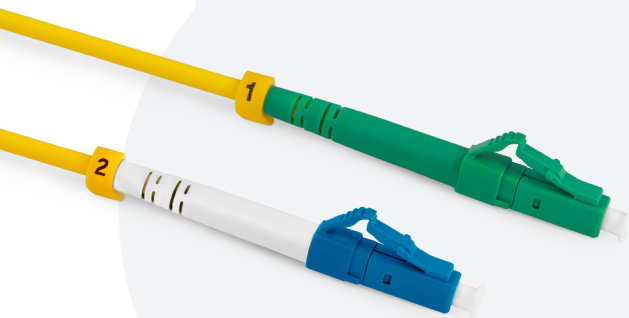
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-LC/APC, SM	LC/APC-LC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/APC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/APC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC) and at right angle (LC/UPC).

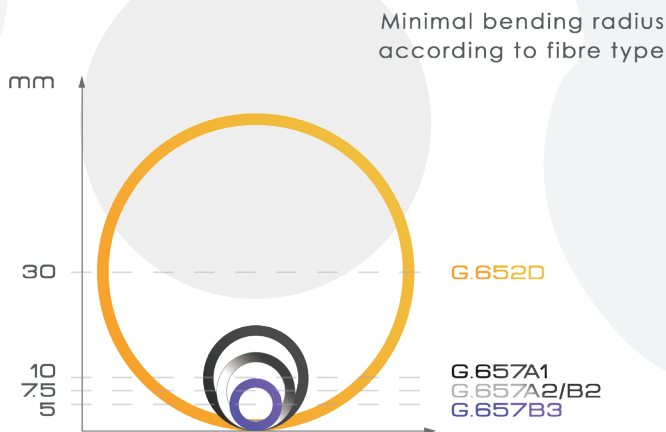
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

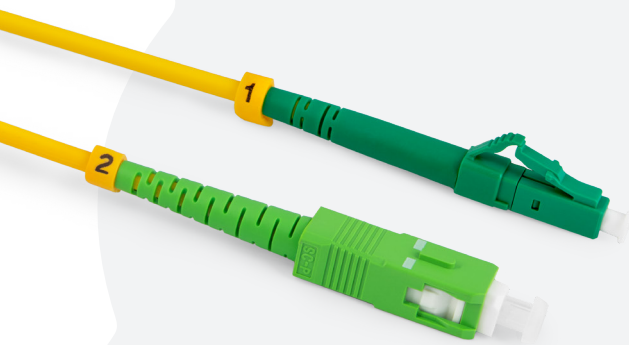


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-LC/UPC, SM	LC/APC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK LC/APC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/APC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC, SC/APC).

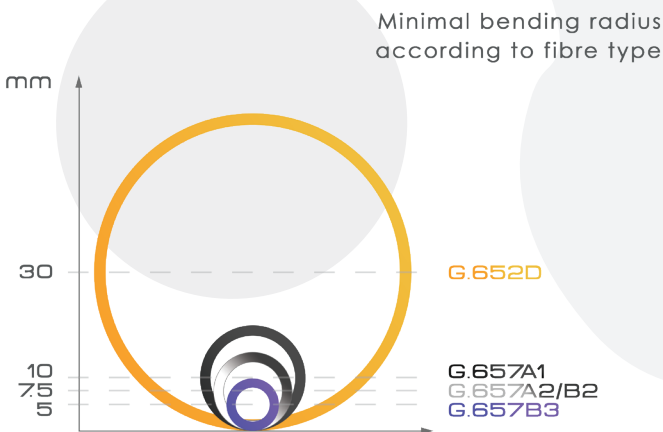
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



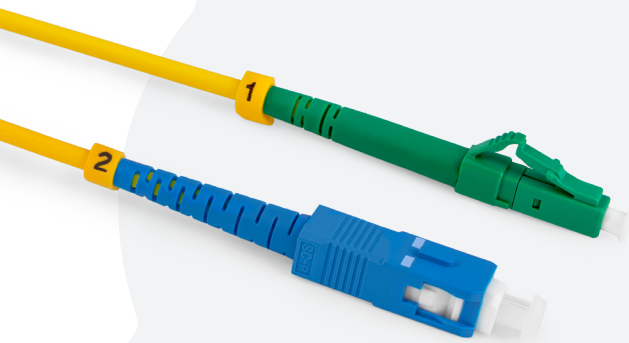
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-SC/APC, SM	LC/APC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/APC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/APC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC) and at right angle (SC/UPC).

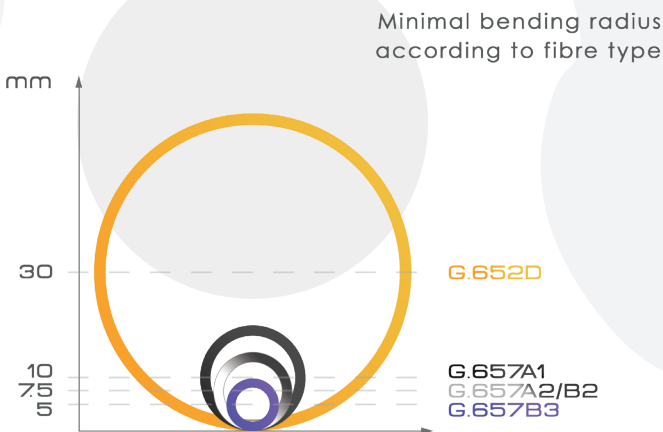
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

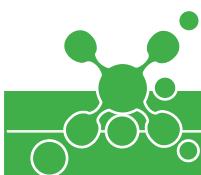
- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

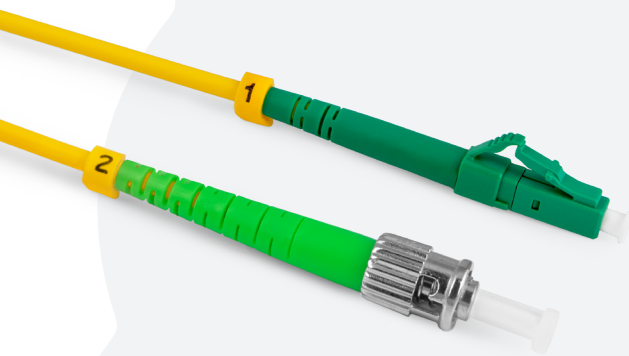


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-SC/UPC, SM	LC/APC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK LC/APC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/APC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC, ST/APC).

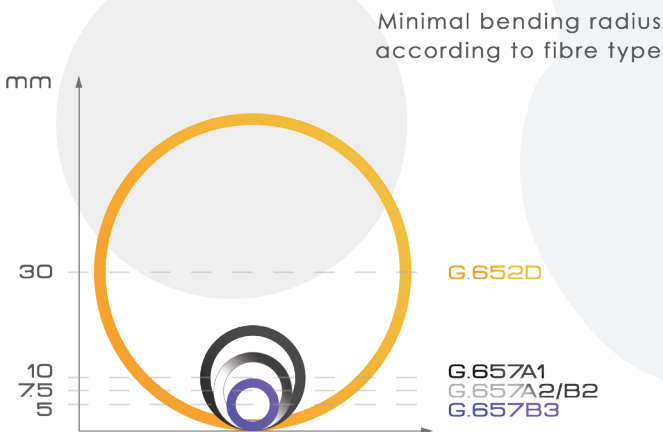
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



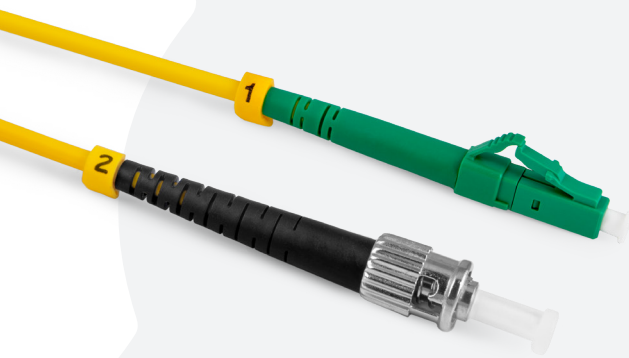
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-ST/APC, SM	LC/APC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/APC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/APC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC) and at right angle (ST/UPC).

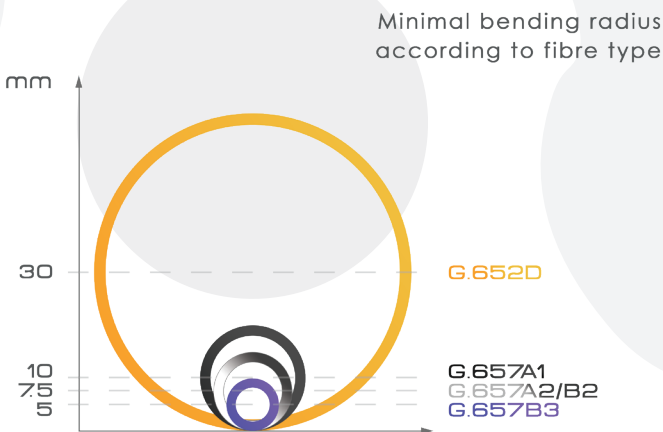
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-ST/UPC, SM	LC/APC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/APC-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/APC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (LC/APC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

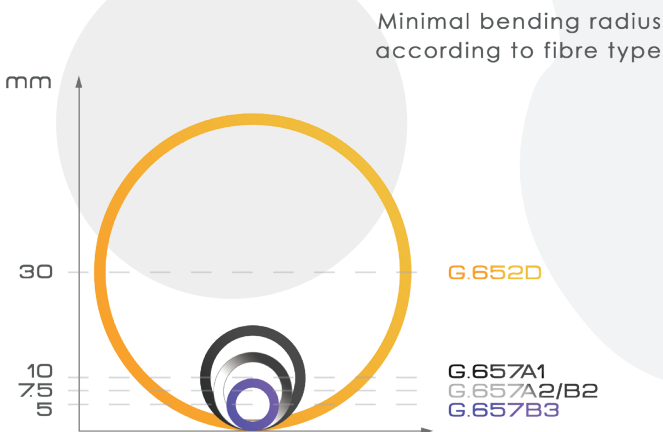
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



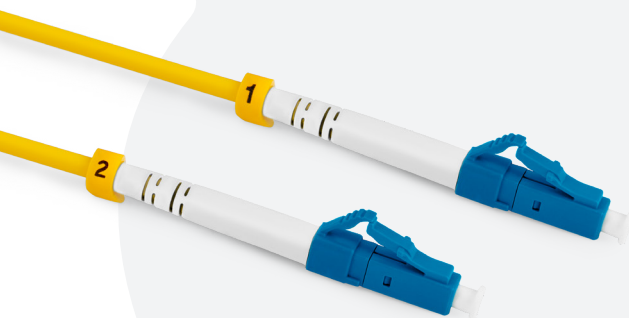
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/APC-MTRJ, SM	LC/APC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/UPC-LC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/UPC-LC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC).

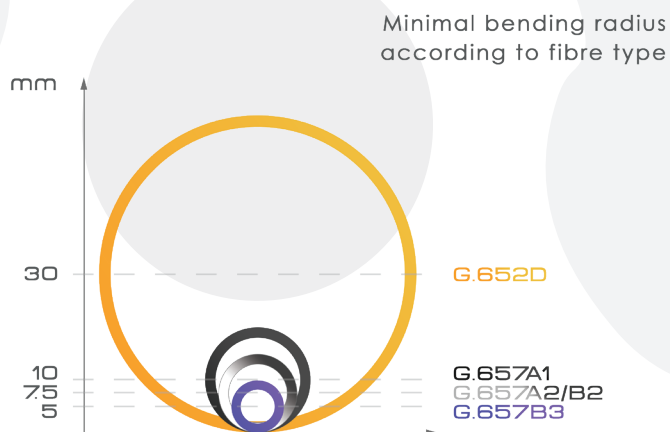
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

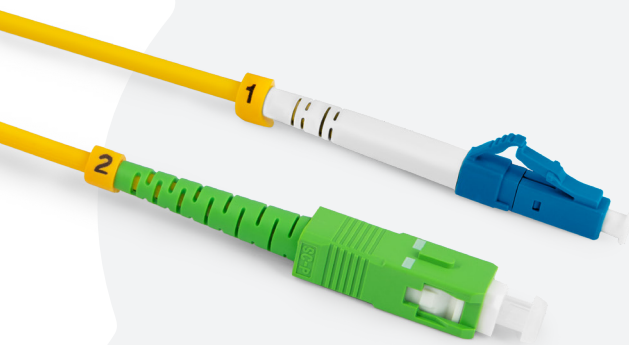


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-LC/UPC, SM	LC/UPC-LC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK LC/UPC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/UPC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC) and at an 8 degree angle (SC/APC).

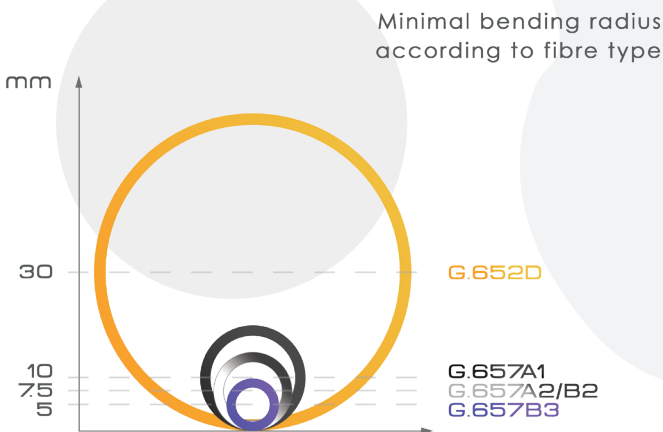
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



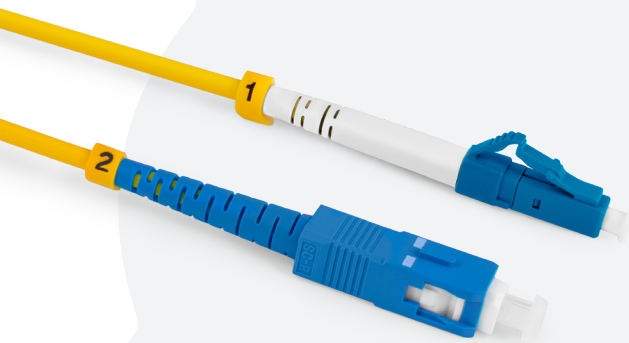
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-SC/APC, SM	LC/UPC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/UPC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/UPC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC, SC/UPC).

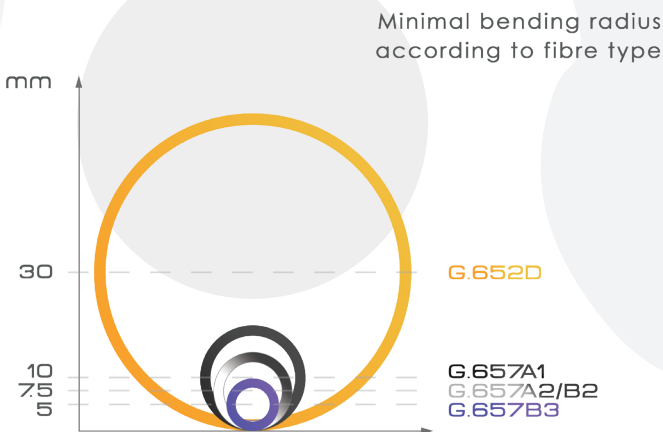
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

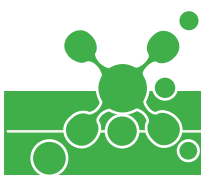
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

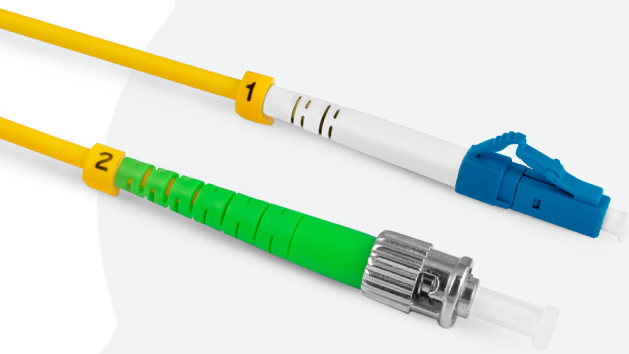


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-SC/UPC, SM	LC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK LC/UPC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/UPC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC) and at an 8 degree angle (ST/APC).

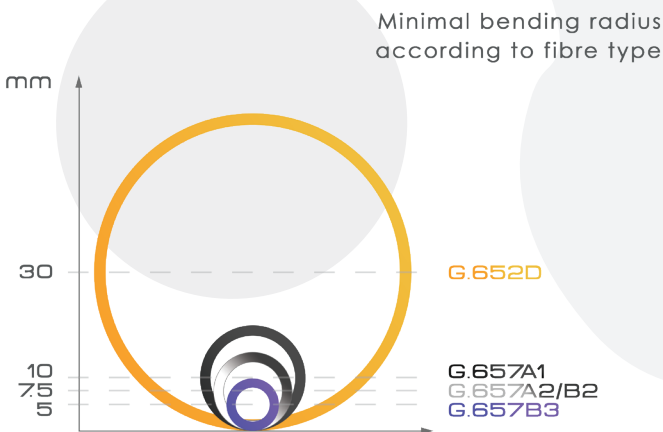
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



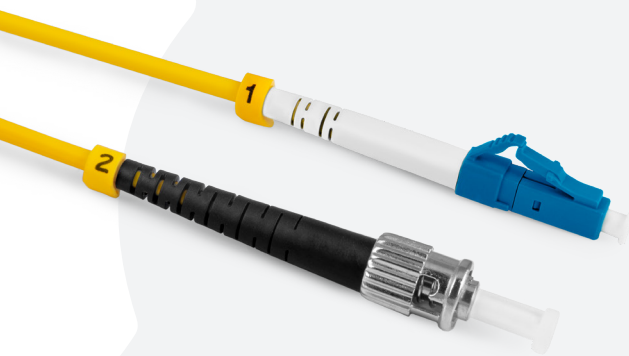
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-ST/APC, SM	LC/UPC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/UPC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink LC/UPC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC, ST/UPC).

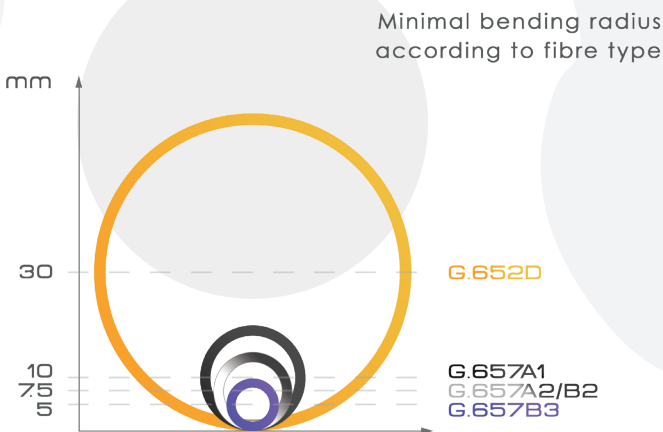
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

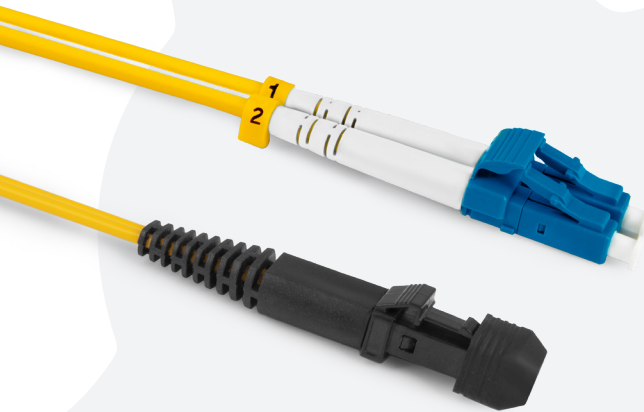
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-ST/UPC, SM	LC/UPC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK LC/UPC-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink LC/UPC-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

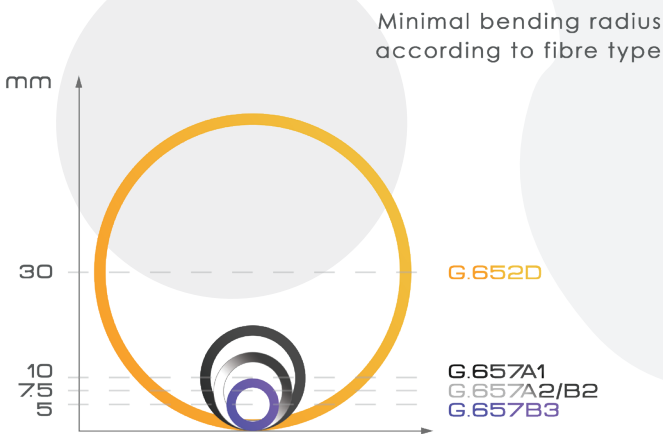
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



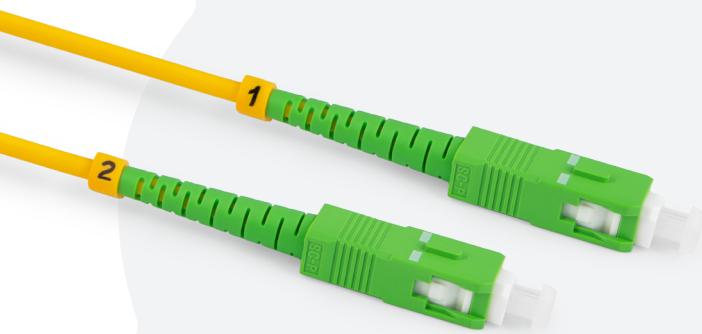
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-MTRJ, SM	LC/UPC-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK SC/APC-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink SC/APC-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (SC/APC).

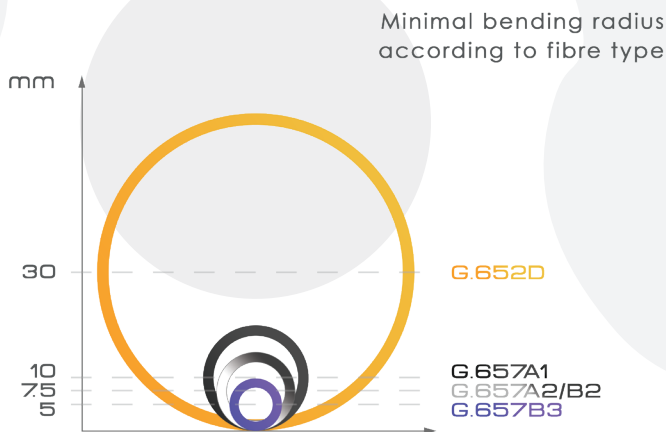
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

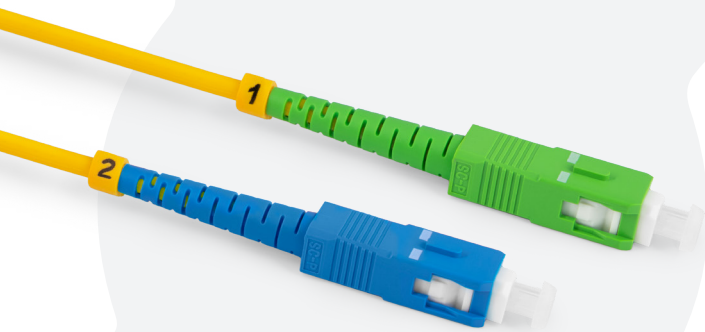


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/APC-SC/APC, SM	SC/APC-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK SC/APC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink SC/APC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (SC/APC) and at right angle (SC/UPC).

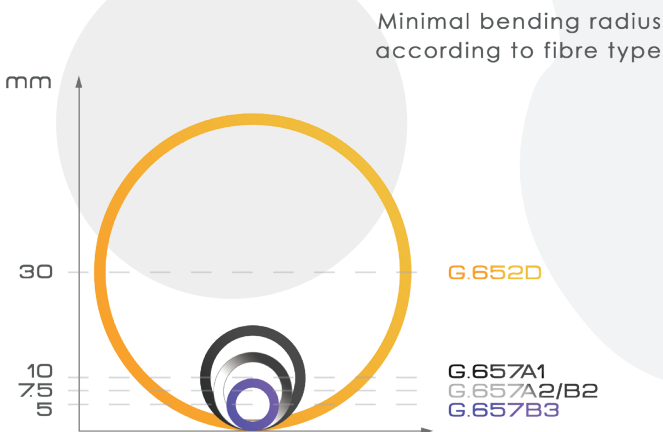
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



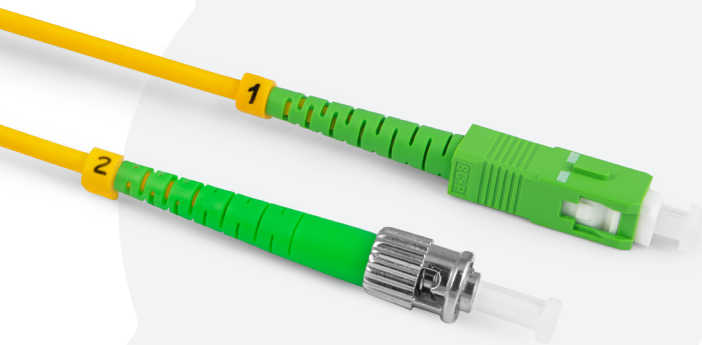
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/APC-SC/UPC, SM	SC/APC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK SC/APC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink SC/APC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (SC/APC, ST/APC).

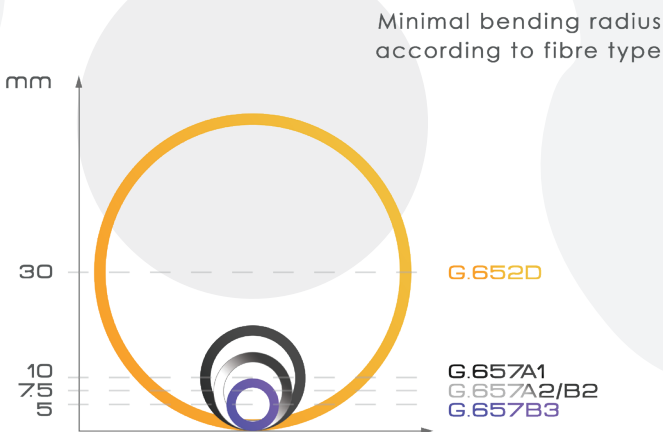
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

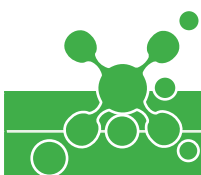
- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



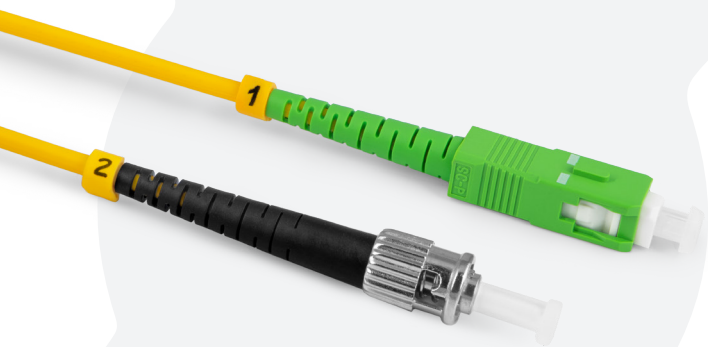
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/APC-ST/APC, SM	SC/APC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK SC/APC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink SC/APC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (SC/APC) and at right angle (ST/UPC).

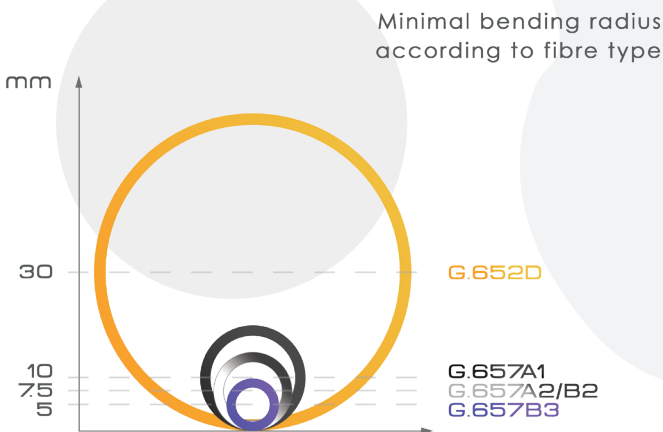
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



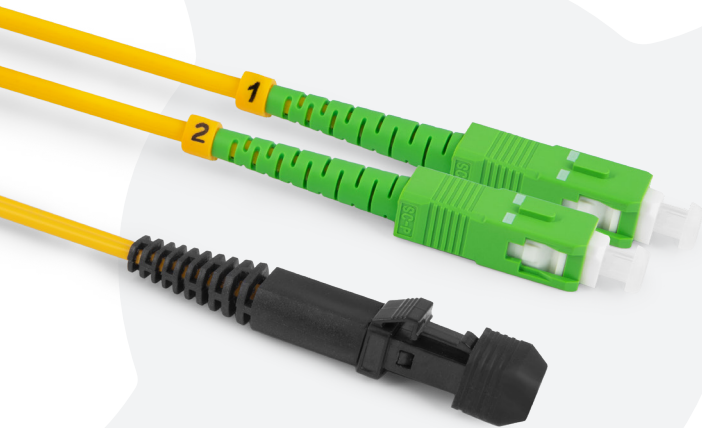
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/APC-ST/UPC, SM	SC/APC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK MTRJ-SC/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink MTRJ-SC/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (SC/APC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

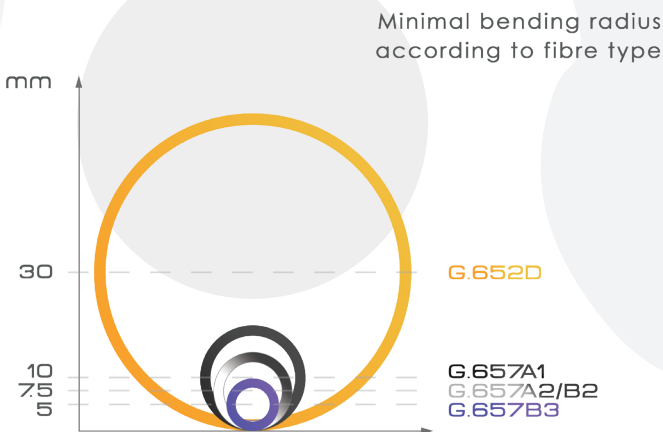
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

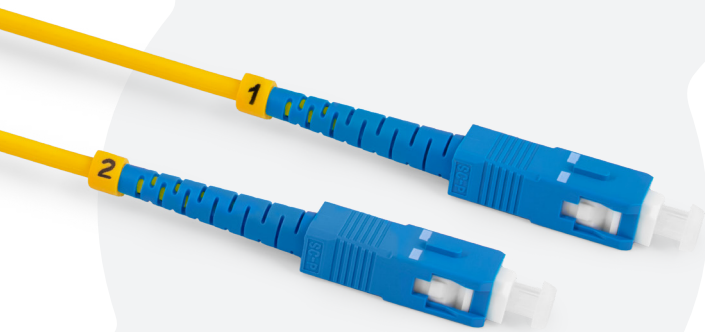
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-SC/APC, SM	MTRJ-SC/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK SC/UPC-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink SC/UPC-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC).

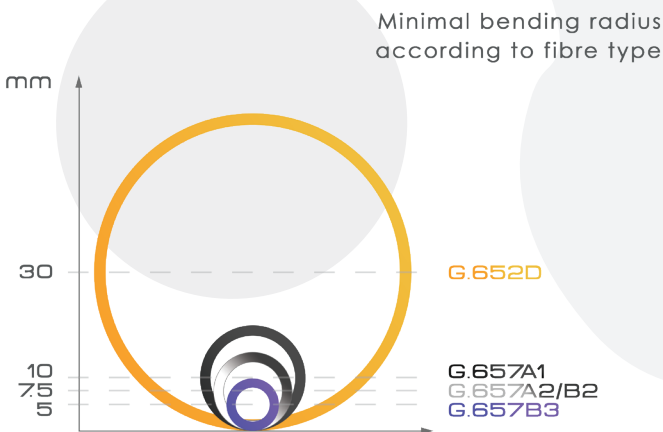
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



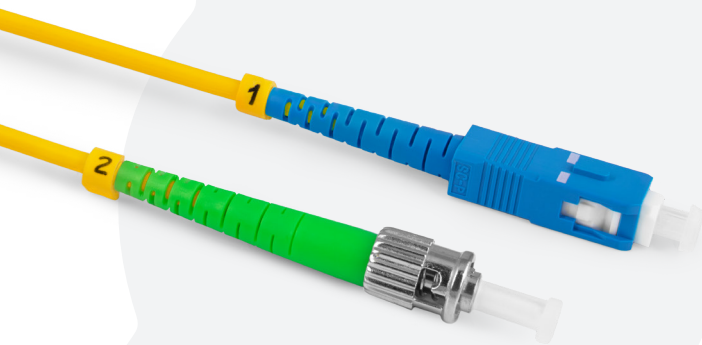
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/UPC-SC/UPC, SM	SC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK SC/UPC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink SC/UPC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC) and at an 8 degree angle (ST/APC).

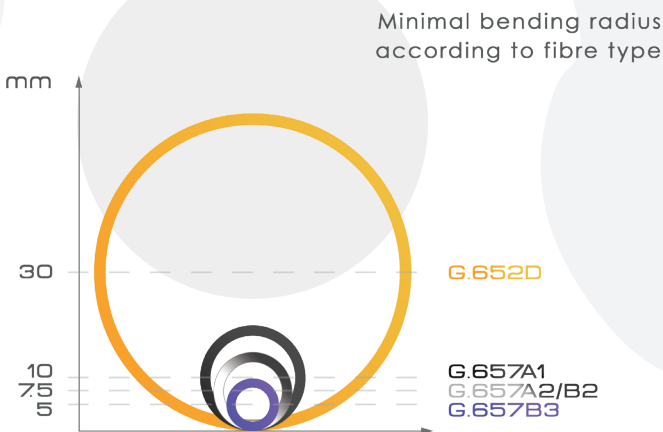
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

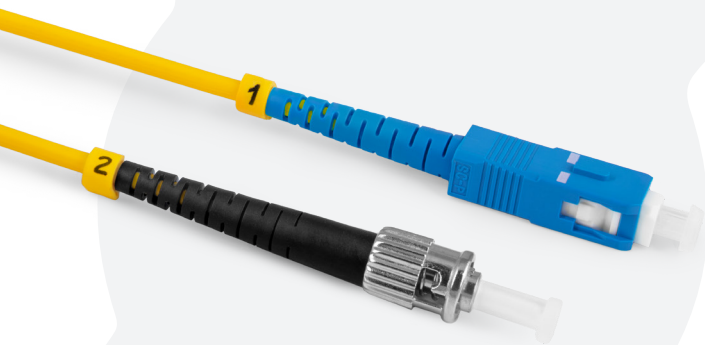


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/UPC-ST/APC, SM	SC/UPC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK SC/UPC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink SC/UPC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC, ST/UPC).

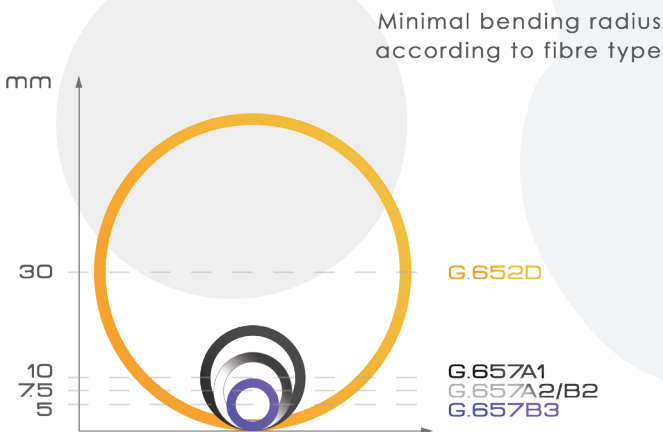
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



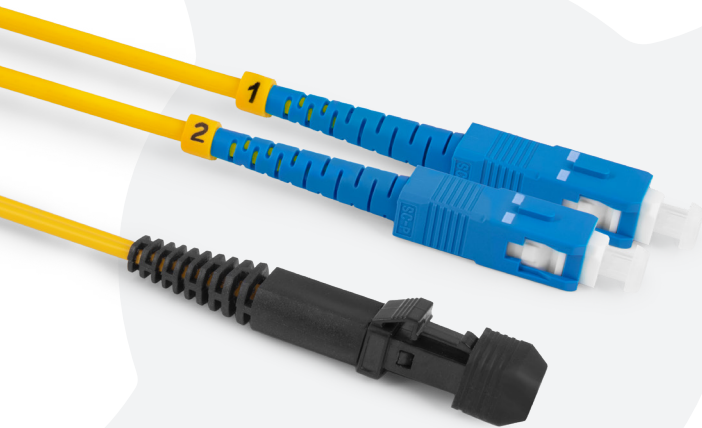
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/UPC-ST/UPC, SM	SC/UPC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK MTRJ-SC/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink MTRJ-SC/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

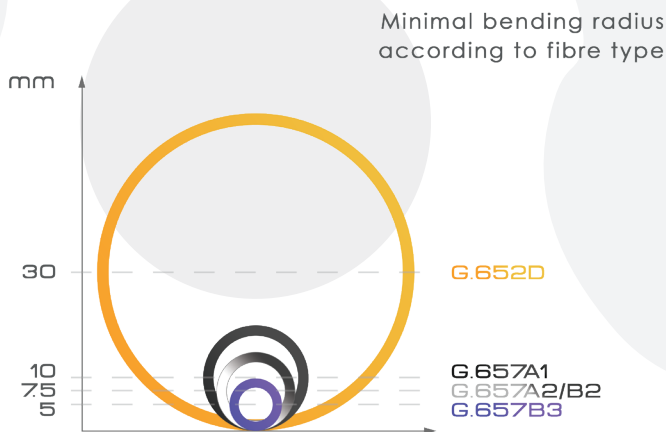
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

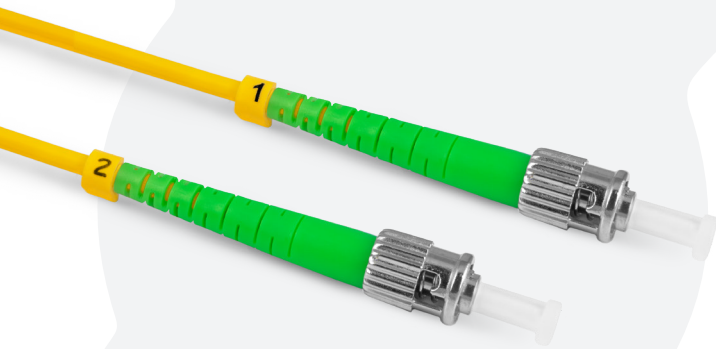


Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-SC/UPC, SM	MTRJ-SC/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK ST/APC-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3







Patchcord ConnLink ST/APC-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (ST/APC).

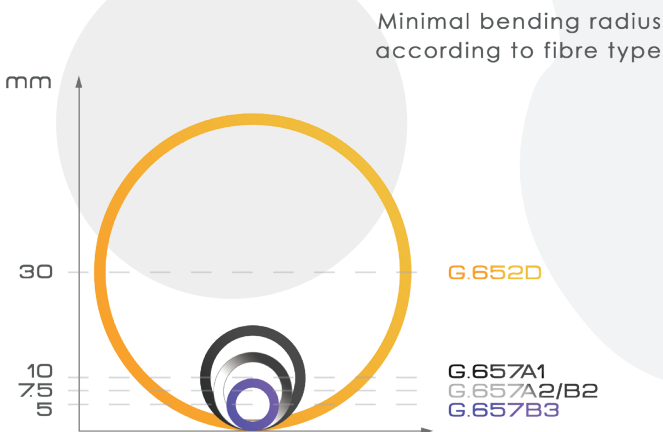
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D 
- SM G.657A2 
- SM G.657A2 (armored cable) 
- SM G.657B3 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



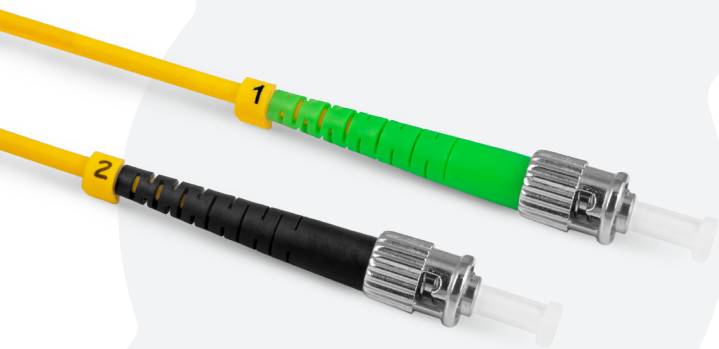
Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink ST/APC-ST/APC, SM	ST/APC-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK ST/APC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink ST/APC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (ST/APC) and at right angle (ST/UPC).

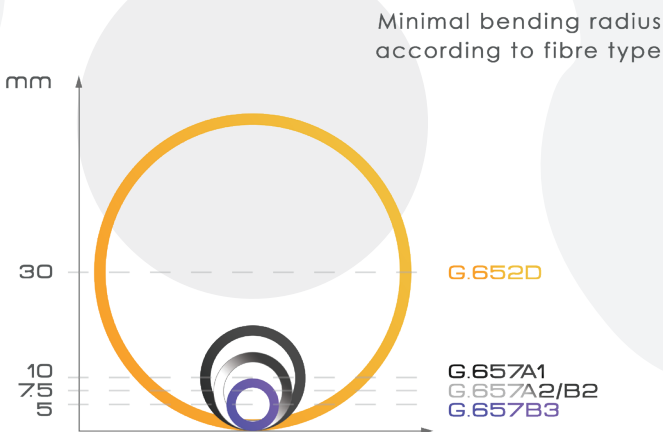
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

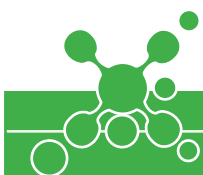
- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink ST/APC-ST/UPC, SM	ST/APC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK MTRJ-ST/APC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink MTRJ-ST/APC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at an 8 degree angle (ST/APC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

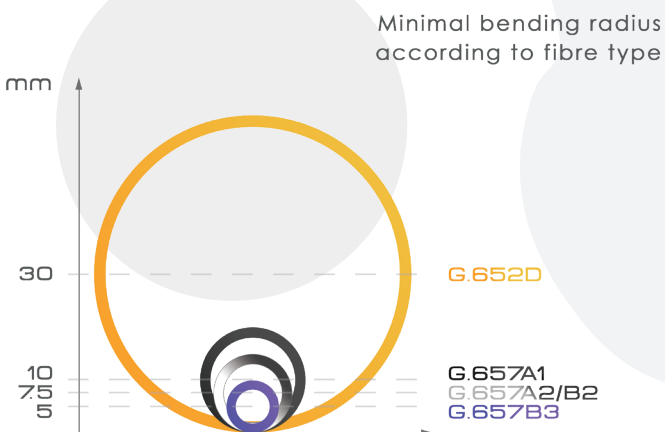
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-ST/APC, SM	MTRJ-ST/APC	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK ST/UPC-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink ST/UPC-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (ST/UPC).

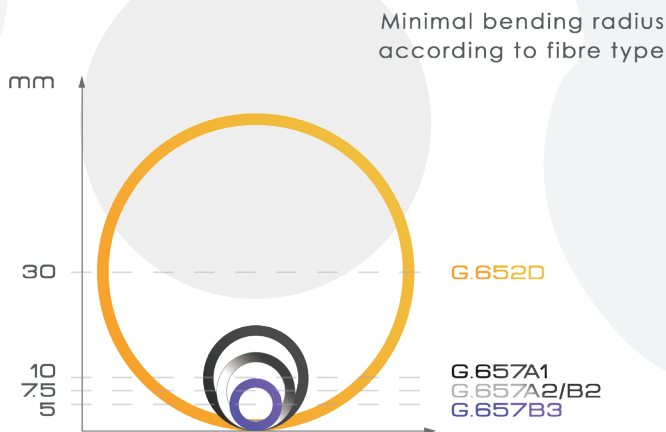
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB, FTTN
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink ST/UPC-ST/UPC, SM	ST/UPC-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	SIMPLEX / DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK MTRJ-ST/UPC, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink MTRJ-ST/UPC, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (ST/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

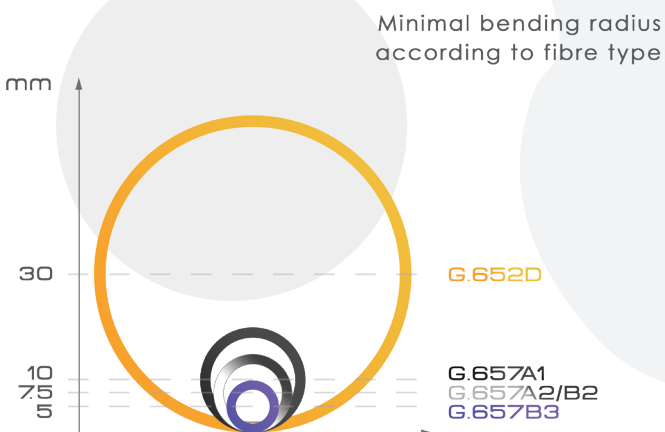
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-ST/UPC, SM	MTRJ-ST/UPC	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable



PATCHCORD CONNLINK MTRJ-MTRJ, SM

9/125 ITU-T G.652D/G.657A2/G.657B3



Patchcord ConnLink MTRJ-MTRJ, SM, is a high quality single mode patchcord from the renowned ConnLink brand. The fibers are protected with yellow (G.652D) / white (G.657A2) / purple (G.657B3) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

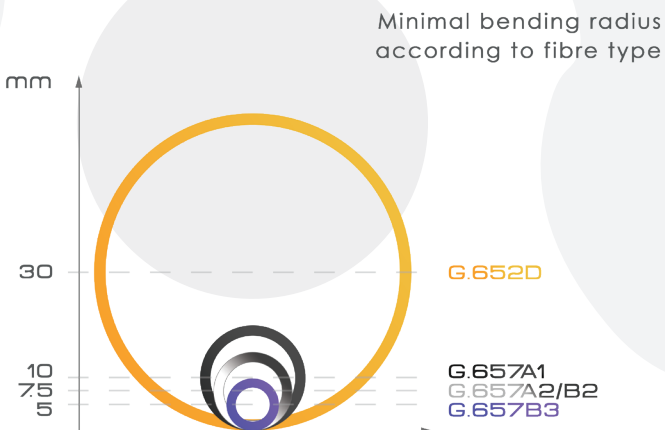
There is a possibility of manufacturing the cable on PE jacket (G.657A2), reinforced from the inside with braided steel tape and strengthened with aramid fibers.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- SM G.652D
- SM G.657A2
- SM G.657A2 (armored cable)
- SM G.657B3



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	ITU-T Standard by fibre type								
	G.657B3			G.657A2/B2			G.657A1		G.652D
Fibre type	10	7.5	5	15	10	7.5	15	10	30
Radius (mm)	10	7.5	5	15	10	7.5	15	10	30
Number of turns	1	1	1	10	1	1	10	1	100
Max. at 1550 nm (dB)	0.03	0.08	0.15	0.03	0.1	0.5	0.25	0.75	0.1
Max. at 1625 nm (dB)	0.1	0.25	0.45	0.1	0.2	1.0	1.0	1.5	-

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



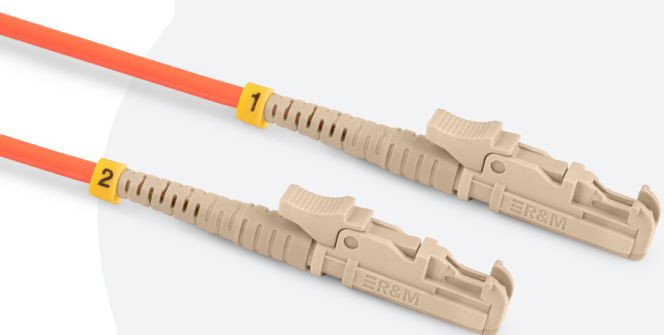
Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-MTRJ, SM	MTRJ-MTRJ	SILVER / GOLD / PLATINUM	G.652D	Yellow	DUPLEX	LSZH / PE**	Ceramic	3.0
			G.657A2	White / Black*				
			G.657B3	Purple				

* Coating color for armored cable ** Coating material for armored cable

PATCHCORD CONNLINK E2000/UPC-E2000/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-E2000/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC).

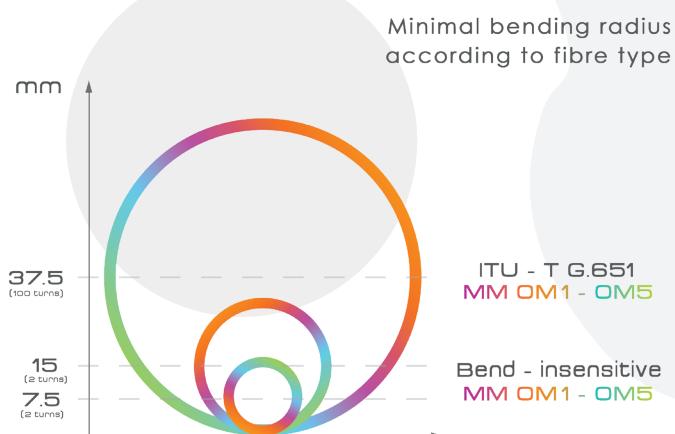
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

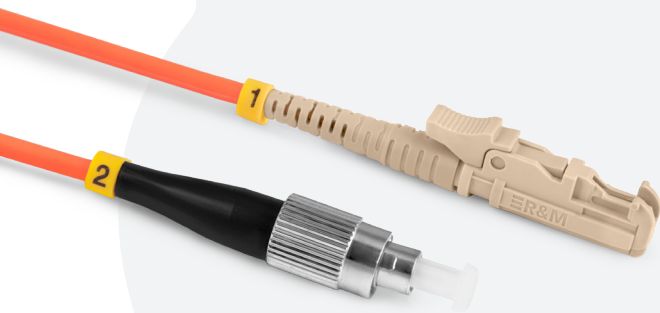
TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-E2000/UPC, MM	E2000/UPC-E2000/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK E2000/UPC-FC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-FC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, FC/UPC).

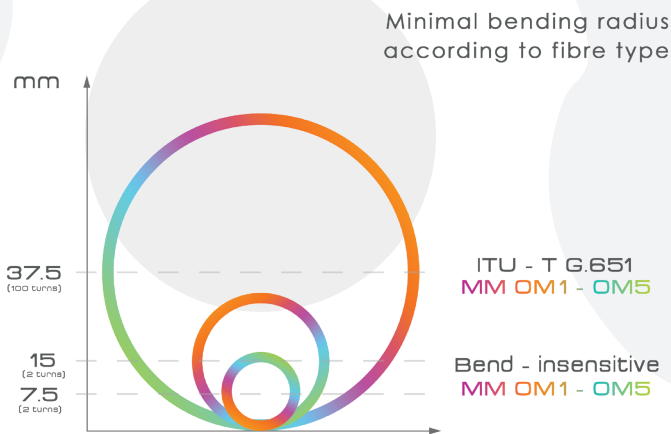
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

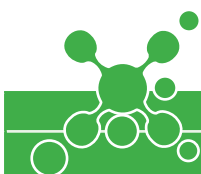
- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

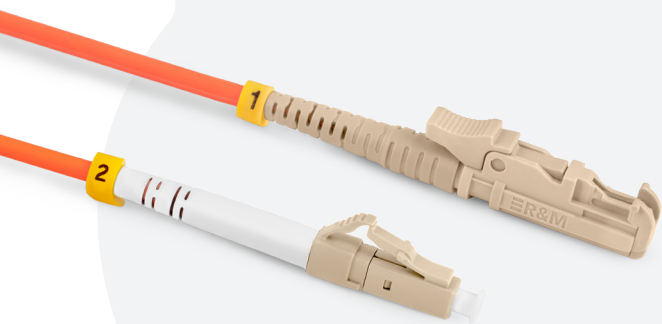


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-FC/UPC, MM	E2000/UPC-FC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK E2000/UPC-LC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-LC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, LC/UPC).

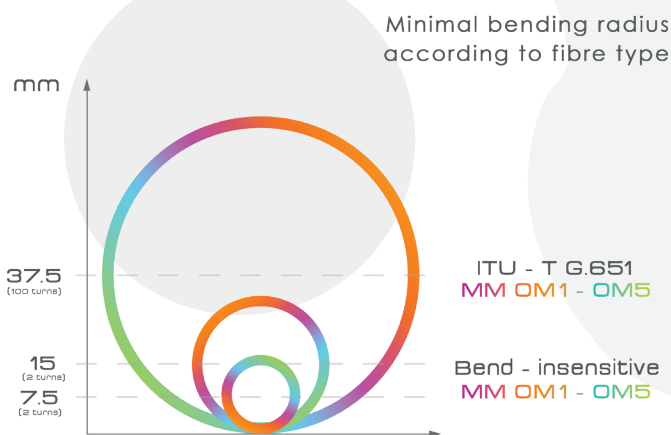
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

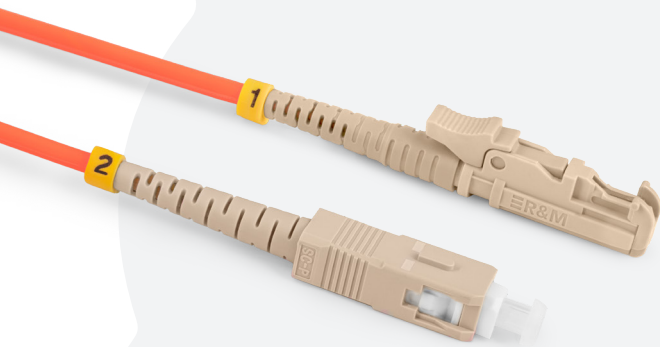


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-LC/UPC, MM	E2000/UPC-LC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK E2000/UPC-SC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-SC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, SC/UPC).

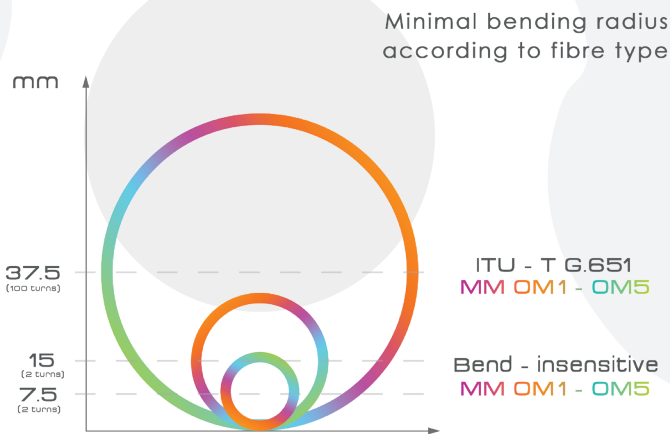
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-SC/UPC, MM	E2000/UPC-SC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK E2000/UPC-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC, ST/UPC).

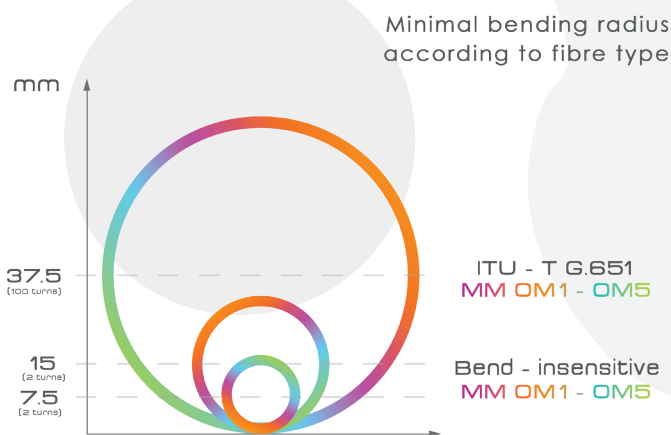
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

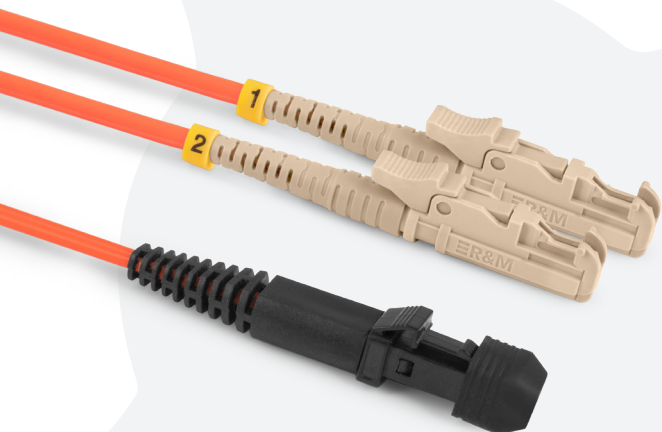


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-ST/UPC, MM	E2000/UPC-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK E2000/UPC-MTRJ, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink E2000/UPC-MTRJ, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (E2000/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

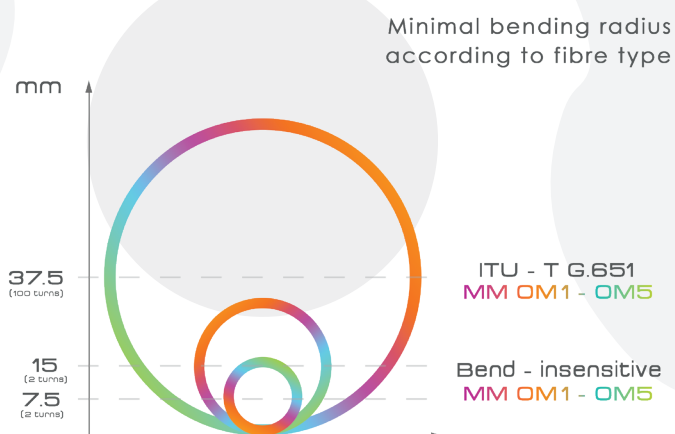
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink E2000/UPC-MTRJ, MM	E2000/UPC-MTRJ	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLIX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK FC/UPC-FC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink FC/UPC-FC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC).

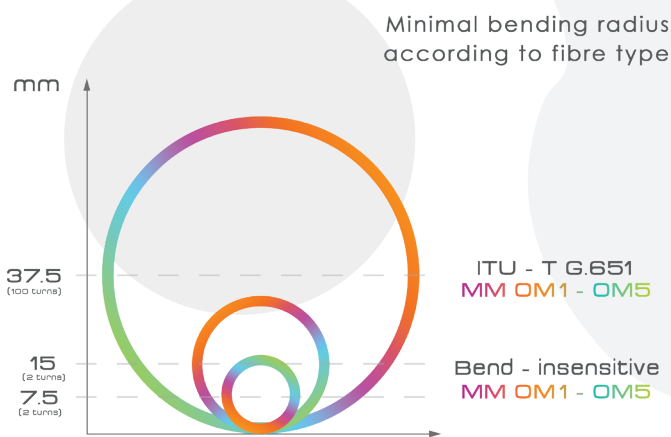
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Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

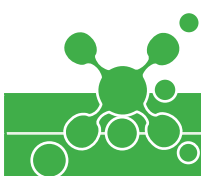
- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-FC/UPC, MM	FC/UPC-FC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				



PATCHCORD CONNLINK FC/UPC-LC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink FC/UPC-LC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, LC/UPC).

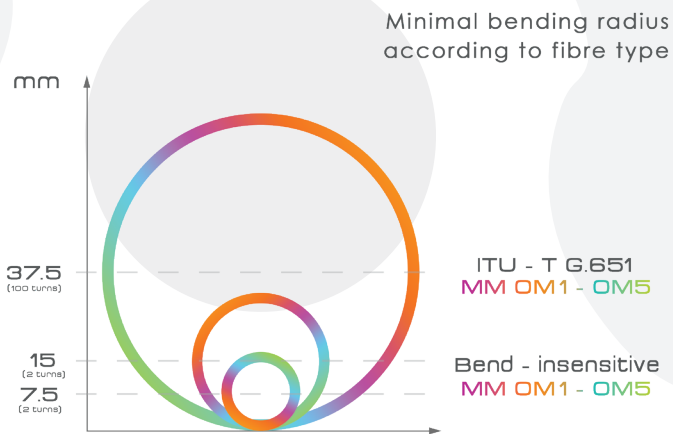
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Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

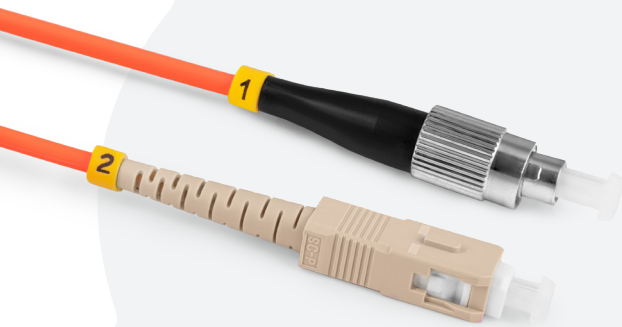


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-LC/UPC, MM	FC/UPC-LC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK FC/UPC-SC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink FC/UPC-SC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, SC/UPC).

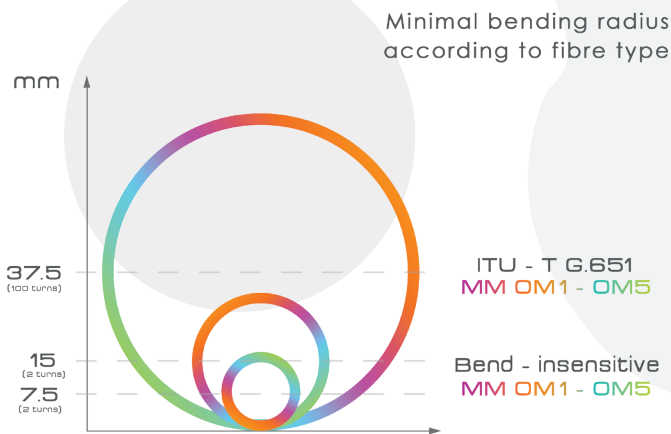
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-SC/UPC, MM	FC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK FC/UPC-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink FC/UPC-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC, ST/UPC).

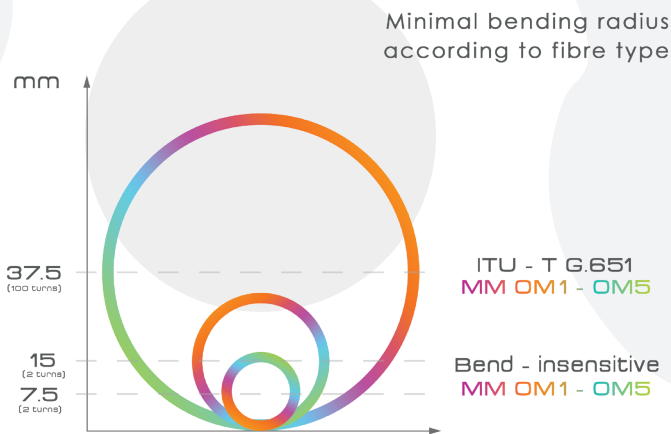
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Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

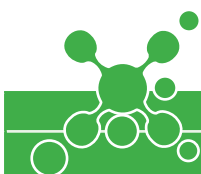
- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

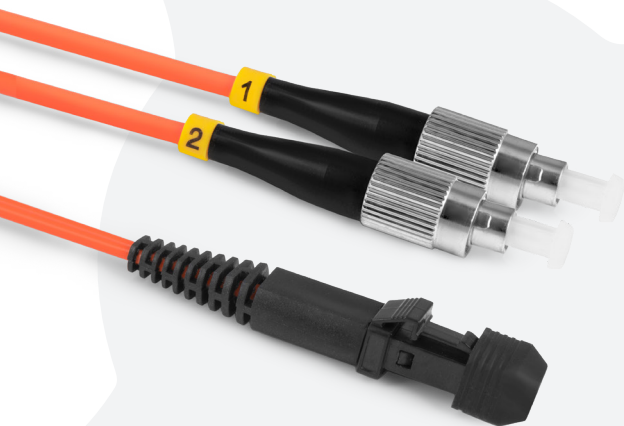


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-ST/UPC, MM	FC/UPC-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK FC/UPC-MTRJ, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink FC/UPC-MTRJ, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (FC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

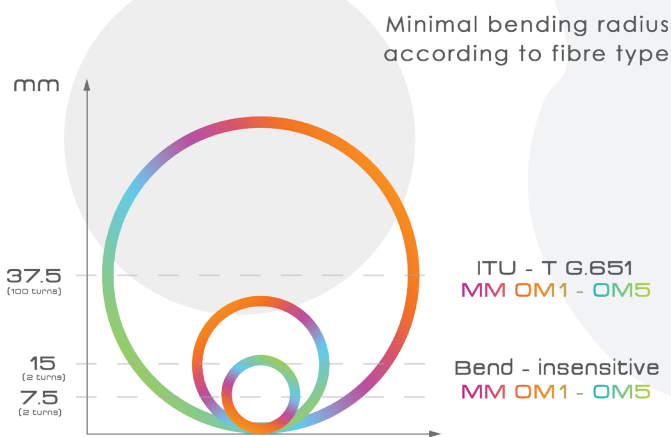
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

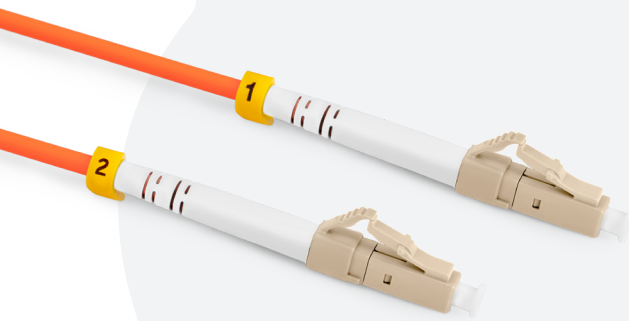


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink FC/UPC-MTRJ, MM	FC/UPC-MTRJ	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK LC/UPC-LC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink LC/UPC-LC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC).

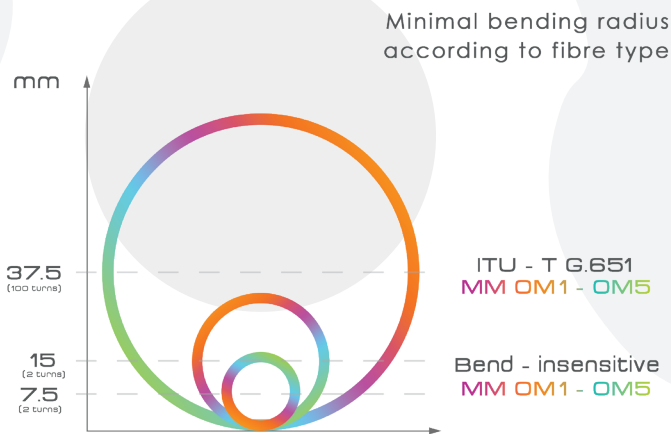
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Intended use:

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- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

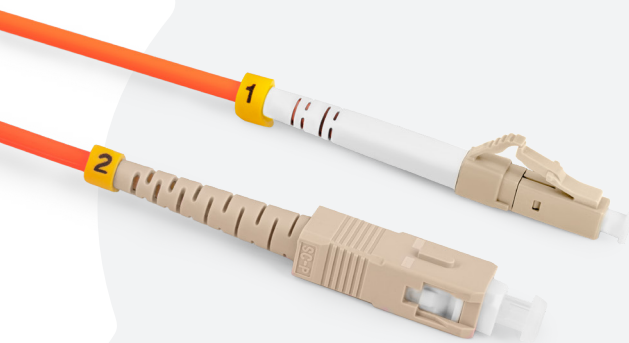


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-LC/UPC, MM	LC/UPC-LC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK LC/UPC-SC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink LC/UPC-SC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC, SC/UPC).

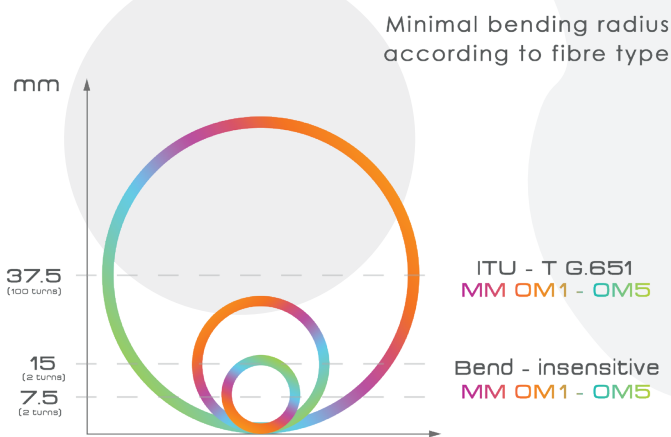
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- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-SC/UPC, MM	LC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				



PATCHCORD CONNLINK LC/UPC-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink LC/UPC-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC, ST/UPC).

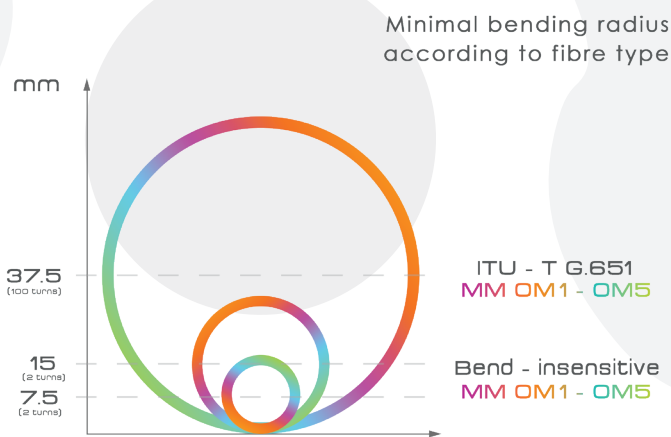
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- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER ^{Class}	GOLD ^{Class}	PLATINUM ^{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

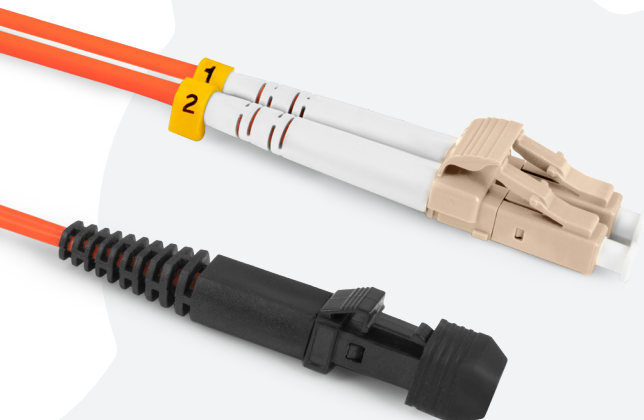


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-ST/UPC, MM	LC/UPC-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK LC/UPC-MTRJ, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink LC/UPC-MTRJ, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (LC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

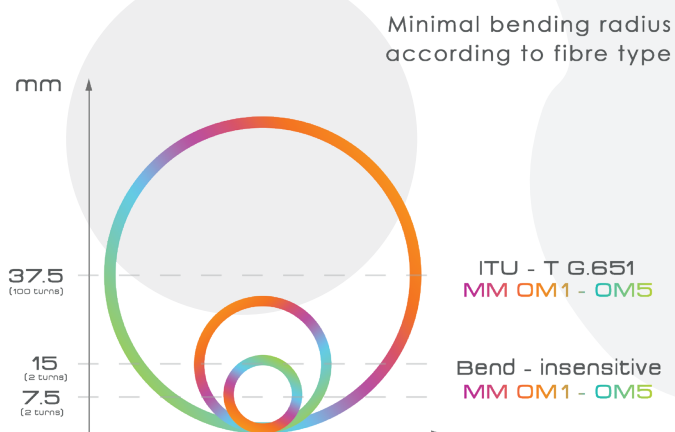
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- CATV networks
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Available fiber standards:

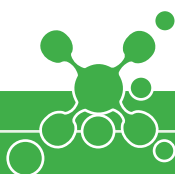
- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

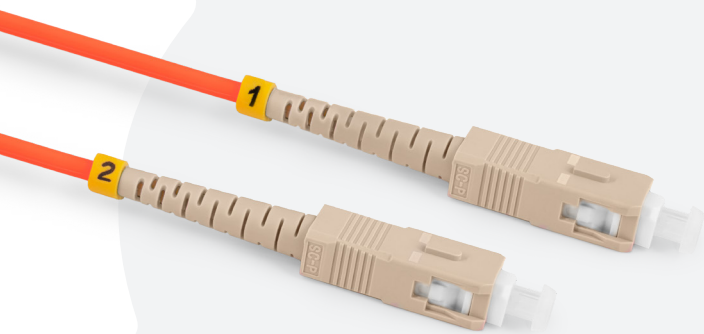
TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink LC/UPC-MTRJ, MM	LC/UPC-MTRJ	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLIX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK SC/UPC-SC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink SC/UPC-SC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC).

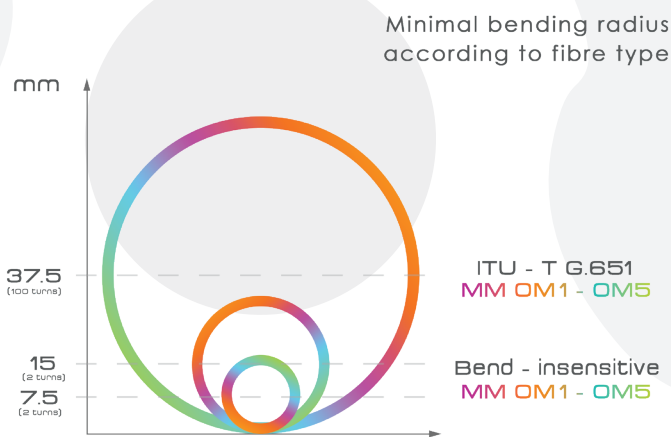
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

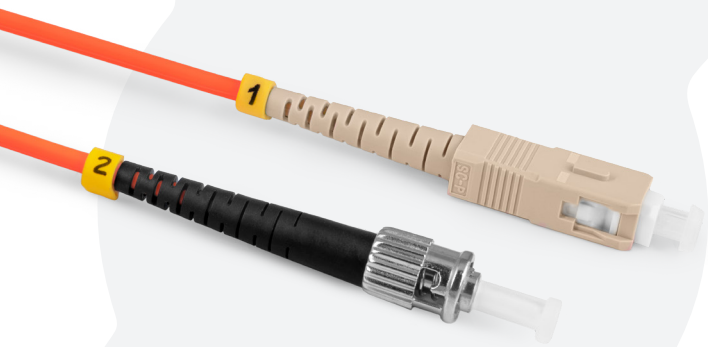


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/UPC-SC/UPC, MM	SC/UPC-SC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK SC/UPC-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink SC/UPC-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC, ST/UPC).

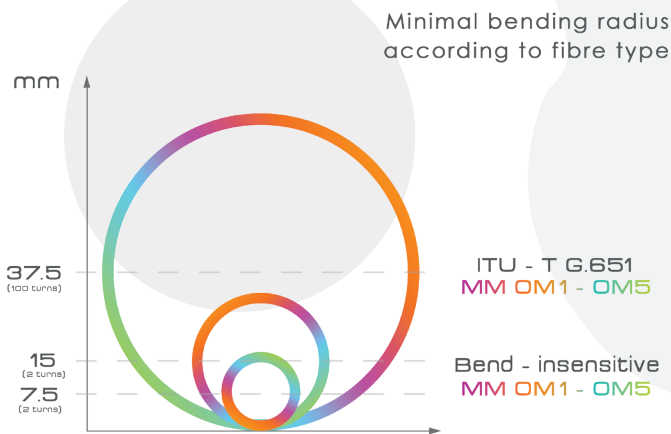
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Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

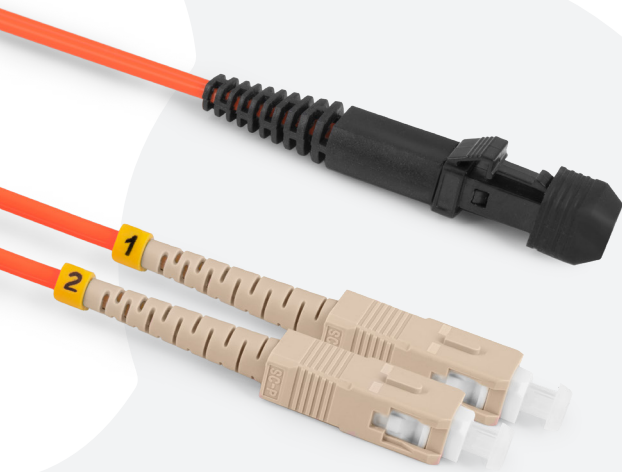


Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink SC/UPC-ST/UPC, MM	SC/UPC-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK MTRJ-SC/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink MTRJ-SC/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (SC/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

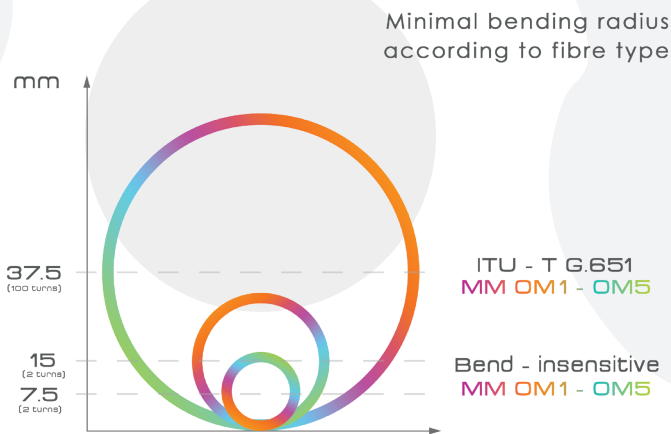
All patchcords have undergone meticulous quality control, therefore they guarantee many years of maintenance-free use.

Intended use:

- MAN, WAN, LAN
- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-SC/UPC, MM	MTRJ-SC/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLIX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK ST/UPC-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink ST/UPC-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (ST/UPC).

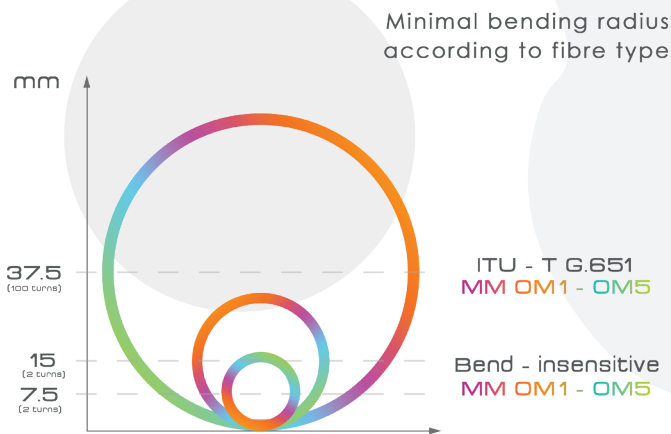
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Intended use:

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- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

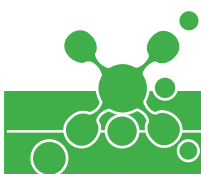
- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)



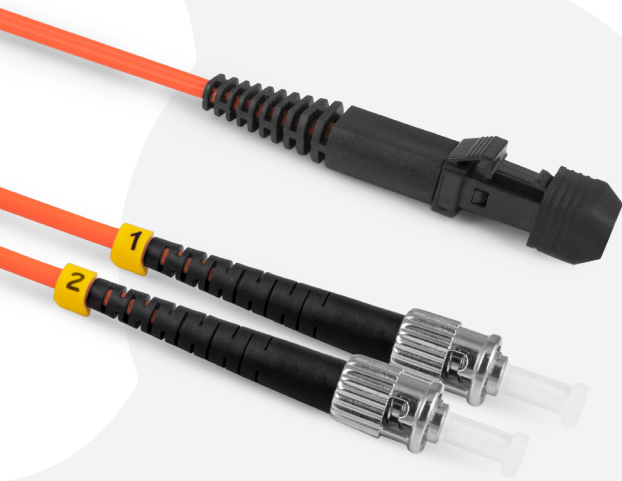
Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink ST/UPC-ST/UPC, MM	ST/UPC-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	SIMPLEX / DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				



PATCHCORD CONNLINK MTRJ-ST/UPC, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink MTRJ-ST/UPC, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. The ceramic ferrule is ground at right angle (ST/UPC). MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

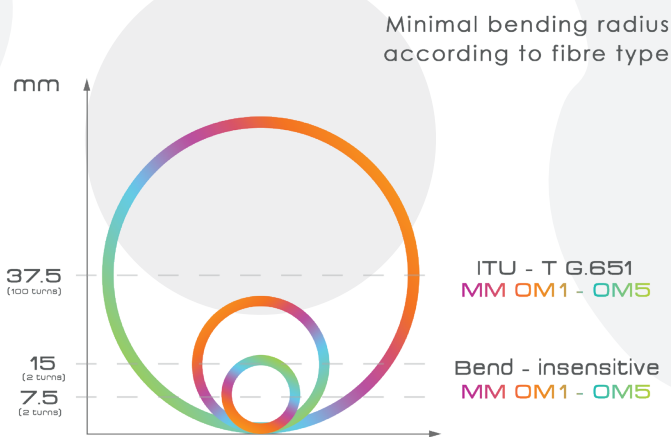
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Intended use:

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- CATV networks
- FTTX, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2 
- MM OM3 
- MM OM4 
- MM OM5 



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

Product information

Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-ST/UPC, MM	MTRJ-ST/UPC	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLEX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				

PATCHCORD CONNLINK MTRJ-MTRJ, MM

62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4/OM5 Bend Insensitive



Patchcord ConnLink MTRJ-MTRJ, MM, is high quality multimode patchcord from renowned Connlink brand. The fibers are protected with orange (OM1/OM2) / turquoise (OM3) / pink (OM4) / lime (OM5) jacket of 3mm diameter. The jacket is made of LSZH material - halogen-free, flame retardant and emits limited smoke during burning. MTRJ connectors are available in male version - with pins, and female version - with holes for pins. As a standard, they are in the female version.

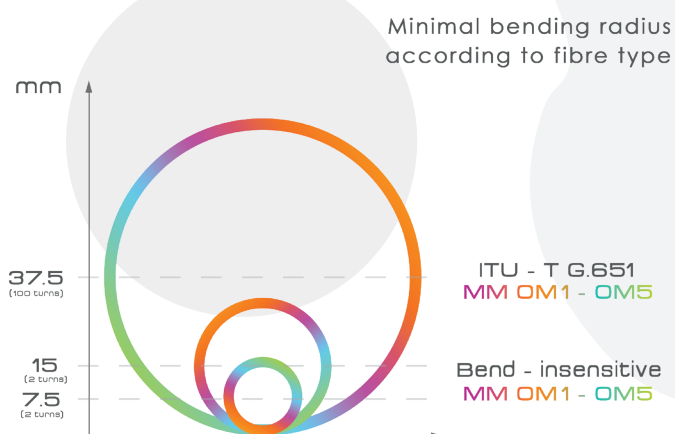
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- CATV networks
- FTTH, FTTH, FTTB
- XPON networks
- Measuring devices
- All kinds of teletechnical networks

Available fiber standards:

- MM OM1 / MM OM2
- MM OM3
- MM OM4
- MM OM5



Impact of the applied bending radius of the fibre on the attenuation

Uncabled fibre macrobending loss	Standard ITU-T / Bend-insensitive by fibre type		
Fibre type	MM OM1-OM5		
Radius (mm)	37.5	15	7.5
Number of turns	100	2	2
Max at 850 nm (dB)	0.5	0.1	0.2
Max at 1300 nm (dB)	0.5	0.3	0.5

TECHNICAL SPECIFICATION	CONNECTOR	SILVER _{Class}	GOLD _{Class}	PLATINUM _{Class}
Max. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Avg. Insertion losses relative to Master (IEC 61300-3-4) [dB]	SM UPC	≤ 0,15	≤ 0,10	≤ 0,08
	SM APC	≤ 0,15	≤ 0,10	≤ 0,08
	MM PC	≤ 0,15	≤ 0,10	≤ 0,08
Reflection losses (IEC 61300-3-6) [dB]	SM UPC	≥ 50	≥ 50	≥ 55
	SM APC	≥ 60	≥ 65	≥ 65
	MM PC	≥ 30	≥ 35	≥ 35
Max. Insertion losses each-to-each (IEC 61300-3-34) [dB]	SM UPC	≤ 0,30	≤ 0,15	≤ 0,10
	SM APC	≤ 0,30	≤ 0,15	≤ 0,10
	MM PC	≤ 0,30	≤ 0,15	≤ 0,10
Insertion losses each-to-each (IEC 61300-3-34) [dB] (mean / 97%)	SM UPC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	SM APC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)
	MM PC	≤ 0,15 / ≤ 0,30 (97%)	≤ 0,1 / ≤ 0,15 (97%)	≤ 0,08 / ≤ 0,10 (97%)

Product information								
Product name	Connector type	Connector quality class	Fiber standard according to ITU-T	Coating color	Number of fibers	Coating material	Ferrule	Cable diameter [mm]
Patchcord ConnLink MTRJ-MTRJ, MM	MTRJ-MTRJ	SILVER / GOLD / PLATINUM	OM1/OM2	Orange	DUPLIX	LSZH	Ceramic	3.0
			OM3	Turquoise				
			OM4	Pink				
			OM5	Lime				



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