

OPTIX Cable ARAMID Z-XOTKtcdD 1.2kN (up to 80m SPAN - NESC Heavy)

9/125 ITU-T G.652D/G.657A1/G.657A2

FEATURES:

- Univesal cable to aerial / canalization installation
- Span (NESC Heavy) up to 80 meters (1,2kN)
- Fully dielectric construction
- Resistance to high and low temperatures
- Enhanced by high quality aramid yarns
- Solid HDPE Jacket



CABLE CONSTRUCTION

1. Optical fibers in 0.25mm colored coating
2. Hydrophobic jelly
3. Loose tube
4. Aramid yarns
5. ARP rods / FRP rods
6. Ripcords for tear the outer-sheath
7. HDPE outer jacket (black), UV stabilized

- Aerial installation
- Outdoor installation
- Duct installation
- Moisture resistant
- UV protection
- High and low temperature resistant

Product Information

Cable version	The total amount of fibers [pcs]	Weight [kg/km] (±10%)	Ø Cable [mm] (±0.4)	Ø Tube [mm] (±0.15)	Supporting element / Peripheral reinforcement	Reinforcing element [mm] (±0.1)	Coating material & thickness [mm] (±0.2)	Temp. range installation	Temp. range operating, transport	Minimum bending radius temporary/permanent
1T1F	1	22	5.3	1.4/2.0	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D
1T2F	2	22	5.3	1.4/2.0	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D
1T4F	4	22	5.3	1.4/2.0	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D
1T8F	8	22	5.3	1.4/2.0	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D
1T12F	12	22	5.3	1.4/2.0	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D
1T24F	24	25	5.8	1.6/2.4	Aramid yarns	ARP (2x0.5)/FRP (2x0.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/10D

Mechanical parameters	EN standard	IEC standard	1-8F	12F	24F
Tensile Strenght Installation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	1200N	1200N	1200N
Tensile Strenght Operation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	600N	600N	600N
Crushing resistance	EN 187000, m. 504	IEC 60794-1-2-E3	500N (100x100mm) for 60 sec.		
Repeated bending	EN 187000, m. 507	IEC 60794-1-2-E6	30 cycles [(20xD), 1Kg]		