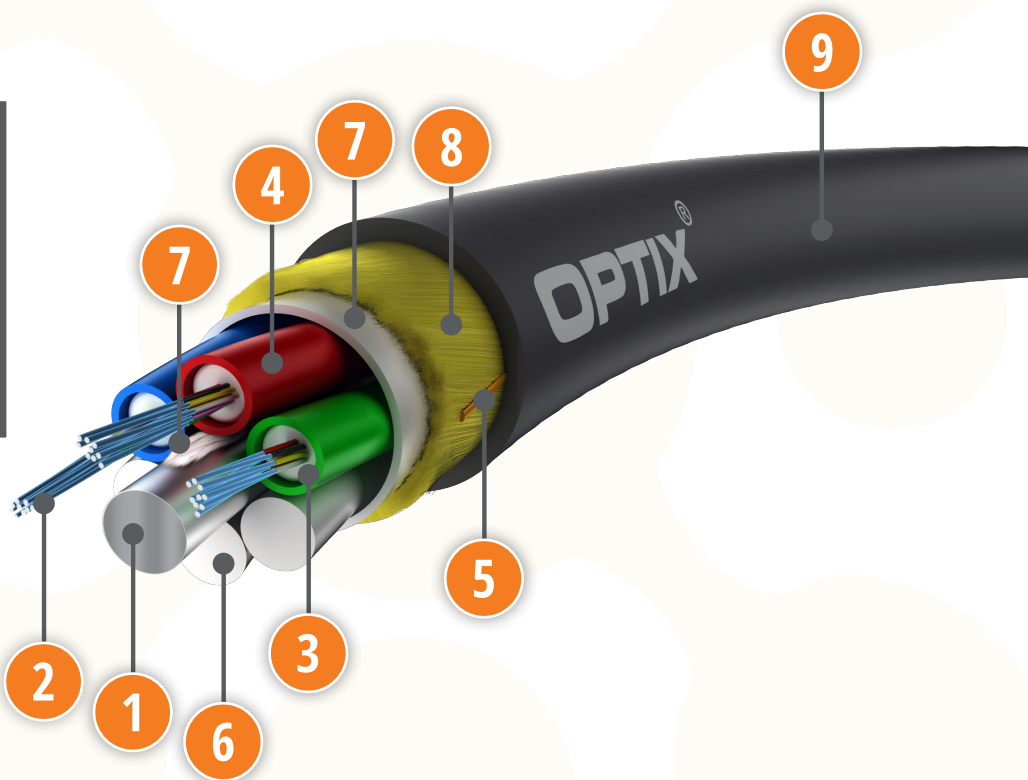


OPTIX Cable ADSS-XOTKtsdD 4.0kN (up to 100m SPAN - NESC Heavy)

9/125 ITU-T G.652D

FEATURES:

- For aerial installation
- Span (NESC Heavy) up to 100 meters (4kN)
- Fully dielectric construction
- Better water blocking protection
- Resistance to high and low temperatures
- Enhanced by high quality aramid yarns
- Solid HDPE Jacket



CABLE CONSTRUCTION

- | | |
|---|---|
| 1. FRP rod | 6. Filler |
| 2. Optical fibers in 0.25mm colored coating | 7. Water blocking tape / yarns |
| 3. Hydrophobic jelly | 8. Aramid yarns |
| 4. Loose tube | 9. HDPE outer jacket (black), UV stabilized |
| 5. Ripcords for tear the outer-sheath | |

- Outdoor installation
- Duct installation
- Aerial 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] (±0.5)	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
2T6F	12	75	10.5	1.4/2.0	Aramid yarns	FRP (2.1)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
4T6F, 2T12F	24	76	10.5	1.4/2.0	Aramid yarns	FRP (2.1)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
4T12F	48	77	10.5	1.4/2.0	Aramid yarns	FRP (2.1)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
6T12F	72	78	10.5	1.4/2.0	Aramid yarns	FRP (2.1)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
8T12F	96	105	11.5	1.4/2.0	Aramid yarns	FRP in PE coat (2.5/3.5)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
12T12F	144	155	14.0	1.4/2.0	Aramid yarns	FRP in PE coat (3.5/6.3)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D
12T24F	288	-	-	-	Aramid yarns	FRP in PE coat (3.5/6.3)	HDPE (1.6)	-10° to +50° C	-40° to +70° C	20D

Mechanical parameters

	EN standard	IEC standard	12-24F	48F	72F	96-288F
Tensile Strength Installation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	4000N	4000N	4000N	4000N
Tensile Strength Operation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	2400N	2000N	2000N	2000N
Crushing resistance	EN 187000, m. 504	IEC 60794-1-2-E3	2000N (100x100mm) for 60 sec.			
Repeated bending	EN 187000, m. 507	IEC 60794-1-2-E6	30 cycles [(20xD), 1Kg]			