

OPTIX Cable FLAT Z-XOTKtcdp 1.0kN (up to 70m SPAN - NESC Heavy)

9/125 ITU-T G.652D

FEATURES:

- Univesal cable to aerial / canalization installation
- Span (NESC Heavy) up to 70 meters (1,0kN)
- Fully dielectric construction
- Resistance to high and low temperatures
- Practical, flat design
- Solid HDPE Jacket



CABLE CONSTRUCTION

1. Optical fibers in 0.25mm colored coating
2. Hydrophobic jelly
3. Loose tube
4. FRP rods
5. HDPE outer jacket (black), UV stabilized

Aerial installation

Indoor installation

Duct installation

Crushproof

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	Temp. range installation	Temp. range operating, transport	Minimum bending radius temporary/permanent
1T8F	8	35	7.0x4.0	1.2/1.7	None	FRP (2x1.8)	HDPE	-30° to +70° C	-30° to +70° C	10D/20D
1T12F	12	35	7.0x4.0	1.2/1.7	None	FRP (2x1.8)	HDPE	-30° to +70° C	-30° to +70° C	10D/20D
1T24F	24	45	8.6x4.6	2.0/3.0	None	FRP (2x1.8)	HDPE	-30° to +70° C	-30° to +70° C	10D/20D

Mechanical parameters

	EN standard	IEC standard	8F	12F
Tensile Strength Installation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	1000N	1000N
Tensile Strength Operation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	600N	600N
Crushing resistance	EN 187000, m. 504	IEC 60794-1-2-E3	1000N (100x100mm) for 60 sec.	
Repeated bending	EN 187000, m. 507	IEC 60794-1-2-E6	30 cycles [(20xD), 1Kg]	