

OPTIX Cable STEEL Z-XOTKtc 1.2kN (up to 60m SPAN - NESC Heavy)

9/125 ITU-T G.652D

FEATURES:

- Univesal cable to aerial / canalization installation
- Span (NESC Heavy) up to 60 meters (1,2kN)
- Better structural strenght
- Resistance to high and low temperatures
- Water blocking construction
- Solid HDPE Jacket



CABLE CONSTRUCTION

1. Optical fibers in 0.25mm colored coating
2. Hydrophobic jelly
3. Loose tube
4. Water blocking yarns
5. Steel 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
1T4F	4	40	6.5	1.4/2.0	None	Steel (2x0.9)	HDPE (2.0)	-10° to +50° C	-40° to +70° C	20D/15D
1T8F	8	40	6.5	1.4/2.0	None	Steel (2x0.9)	HDPE (2.0)	-10° to +50° C	-40° to +70° C	20D/15D
1T12F	12	40	6.5	1.4/2.0	None	Steel (2x0.9)	HDPE (2.0)	-10° to +50° C	-40° to +70° C	20D/15D
1T24F	24	50	7.0	1.6/2.4	None	Steel (2x0.9)	HDPE (2.0)	-10° to +50° C	-40° to +70° C	20D/15D

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]		