

# OPTIX Cable FRP Z-XOTKtcd 1.2kN (up to 35m SPAN - NESC Heavy)

9/125 ITU-T G.652D, 62.5/125 ITU-T OM1, 50/125 ITU-T OM2/OM3/OM4

## FEATURES:

- Universal cable for aerial / canalization installation
- Span (NESC Heavy) up to 35 meters (1.2kN)
- Fully dielectric construction
- Resistance to high and low temperatures
- Water blocking construction
- Solid HDPE jacket



## CABLE CONSTRUCTION

1. Optical fibres in 0.25mm coloured coating
2. Loose tube
3. Ripcords to tear the outer jacket
4. FRP rods
5. HDPE outer jacket (black), UV stabilized
6. Water blocking yarns

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

## Product Information

Cable version	The total amount of fibres [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 temporary/permanent
1T4F	4	40	6.5	1.4/2.0	None	FRP (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	FRP (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	FRP (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	FRP (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 Strength Installation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	1200N	1200N	1200N
Tensile Strength 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]		