

OPTIX Cable LIGHT Z-XOTKtsd 1.5kN

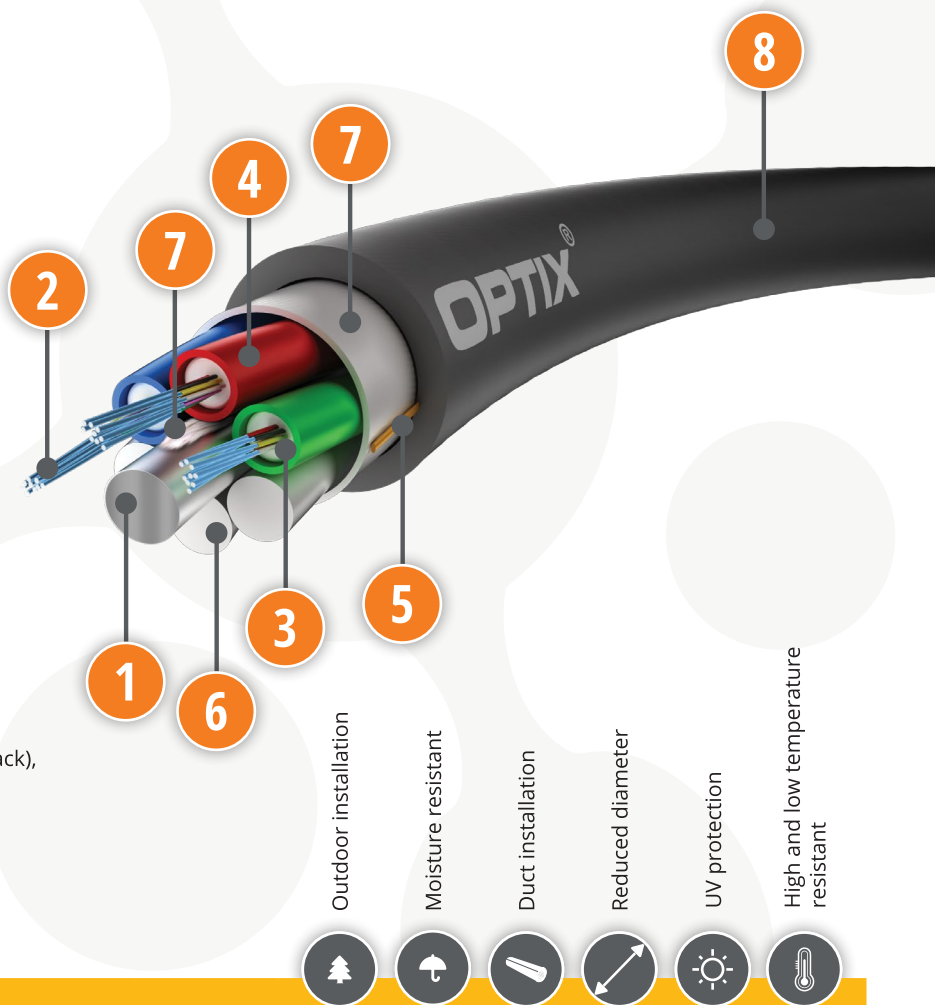
9/125 ITU-T G.652D

FEATURES:

- Reduced diameter 8mm
- Fully dielectric construction
- Solid HDPE Jacket
- Additional water blocking construction
- Resistance to high and low temperatures
- Practical and thin Ripcord

CABLE CONSTRUCTION

- FRP rod
- Optical fibres in 0.25mm coloured coating
- Hydrophobic jelly
- Loose tube
- Ripcords to tear the outer jacket
- Filler
- Water blocking tape / yarns
- HDPE outer jacket (black), UV stabilized



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
2T6F	12	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
1T12F	12	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
2T12F	24	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
4T6F	24	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
3T12F	36	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
6T6F	36	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
4T12F	48	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
6T12F	72	68	8.3	1.3/1.7	None	FRP (1.8)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
8T12F	96	84	9.4	1.3/1.7	None	FRP in PE coat (2.25/3.0)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
12T12F	144	114	11.3	1.3/1.7	None	FRP in PE coat (2.8/5.4)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D
12T24F	288	142	14.5	1.6/2.4	None	FRP in PE coat (3.5/6.0)	HDPE (1.4)	-10° to +50° C	-40° to +70° C	20D/15D

Mechanical parameters	EN standard	IEC standard	12-72F	96-288F
Tensile Strength Installation	EN 187000	IEC 60794-1-2-E1	1500N	1500N
Tensile Strength Operation	EN 187000	IEC 60794-1-2-E1	1000N	1000N
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]	