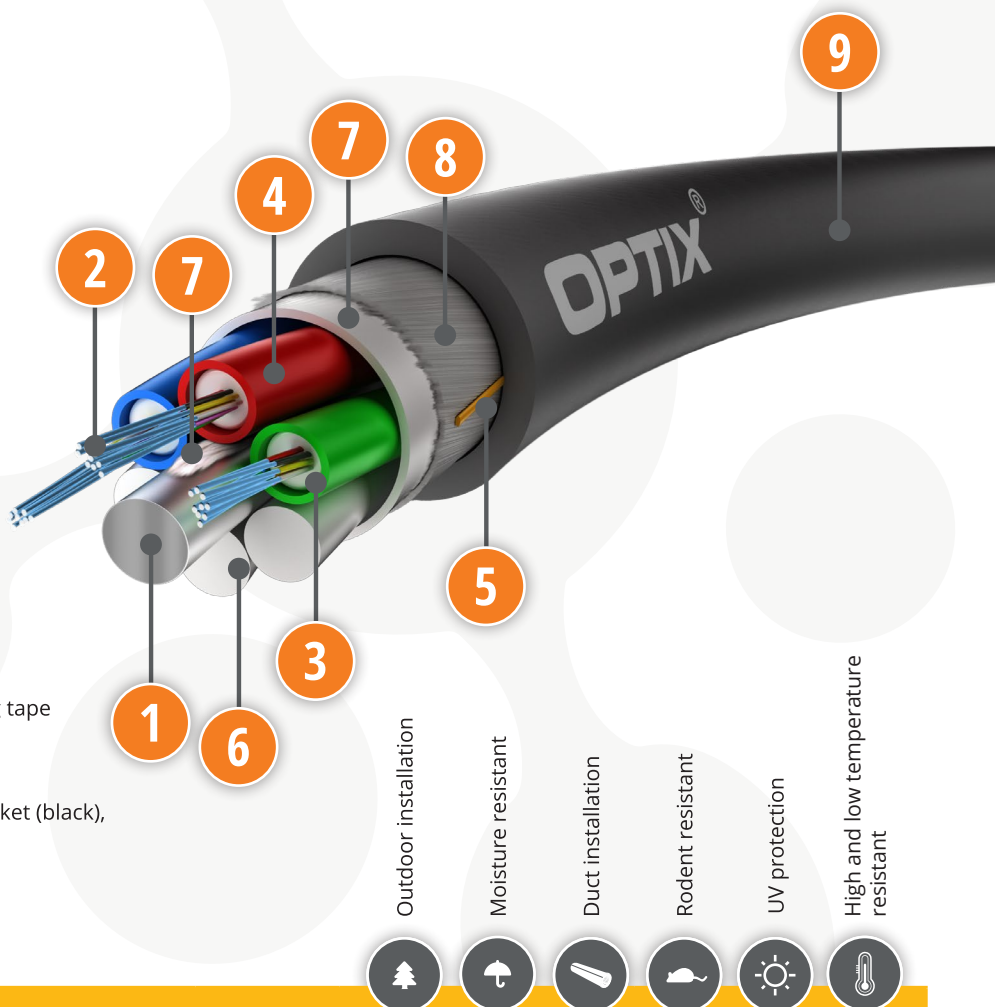


OPTIX Cable DUCT Z-XOTKtsdDb 3.0kN

9/125 ITU-T G.652D

FEATURES:

- Fully dielectric construction
- Solid HDPE jacket
- Additional water blocking construction
- Resistance to high and low temperatures
- Enhanced by high quality glass yarns
- Practical and thin Ripcord



CABLE CONSTRUCTION

1. FRP rod
2. Optical fibres in 0.25mm coloured coating
3. Hydrophobic jelly
4. Loose tube
5. Ripcords to tear the outer jacket
6. Filler
7. Water blocking tape / yarns
8. Glass yarns
9. HDPE outer jacket (black), UV stabilized

Outdoor installation

Moisture resistant

Duct installation

Rodent 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
1T12F	12	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
2T6F	12	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
2T12F	24	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
4T6F	24	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
4T12F	48	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
6T12F	72	85	10.1	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
8T12F	96	110	11.4	1.4/2.0	Glass yarns	FRP in PE coat (2.5/3.5)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
12T12F	144	160	14.0	1.4/2.0	Glass yarns	FRP in PE coat (3.5/6.0)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
16T12F	192	160	14.0	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
18T12F	216	160	14.0	1.4/2.0	Glass yarns	FRP (2.25)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D
24T12F	288	210	15.8	1.4/2.0	Glass yarns	FRP in PE coat (3.0/4.0)	HDPE (1.5)	-5° to +40° C	-40° to +70° C	20D/15D

Mechanical parameters	EN standard	IEC standard	12-24F	48F	72F	96-288F
Tensile Strength Installation	EN 187000	IEC 60794-1-2-E1	3000N	3000N	3000N	3000N
Tensile Strength Operation	EN 187000	IEC 60794-1-2-E1	2000N	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]			