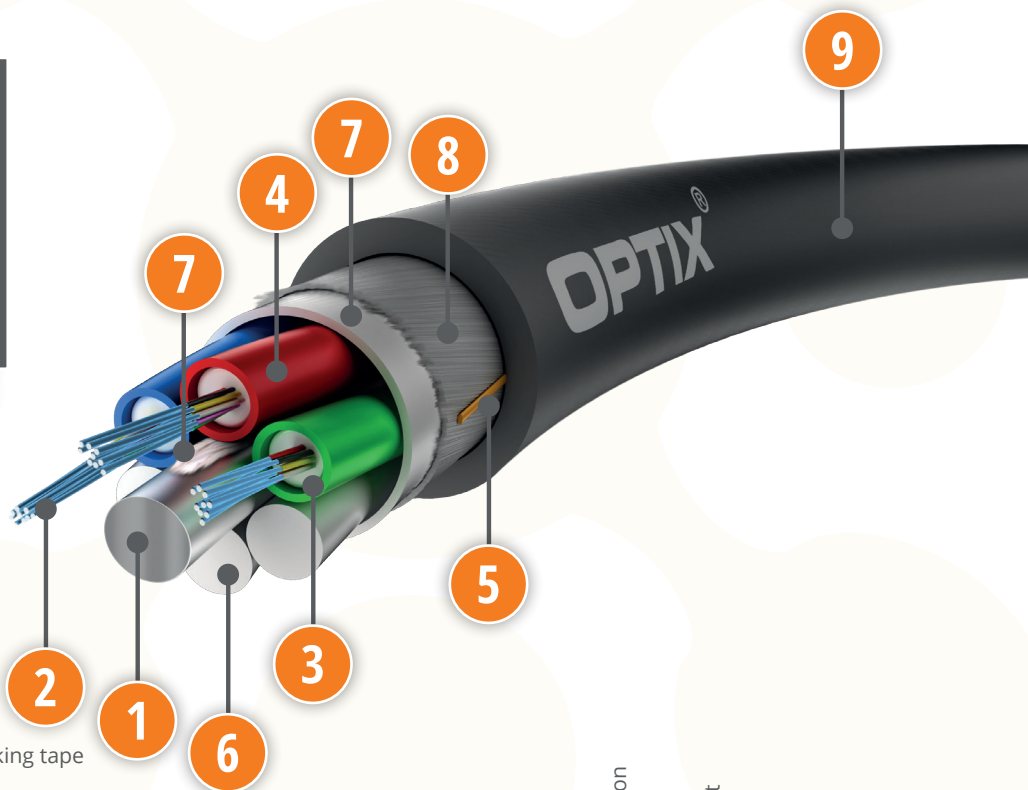


OPTIX Cable DUCT Z-XOTKtsdDb 2.5kN

9/125 ITU-T G.652D

FEATURES:

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



CABLE CONSTRUCTION

- FRP rod
- Optical fibers in 0.25mm colored coating
- Hydrophobic jelly
- Loose tube
- Ripcords for tear the outer-sheath
- Filler
- Water blocking tape / yarns
- Glass yarns
- HDPE outer jacket (black), UV stabilized

Outdoor installation

Moisture resistant

Duct installation

Rodent 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 [mm] (±0.1)	Reinforcing element [mm] (±0.1)	Coating material & thickness [mm] (±0.2)	Temp. range installation	Temp. range operating, transport	Minimum bending radius temporary/permanent
4T6F	24	86	10.0	1.4/2.0	Glass yarns	FRP (2.3)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
4T12F	48	86	10.0	1.4/2.0	Glass yarns	FRP (2.3)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
6T12F	72	86	10.0	1.4/2.0	Glass yarns	FRP (2.3)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
8T12F	96	100	11.5	1.4/2.0	Glass yarns	FRP in PE coat (2.5/3.5)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
12T12F	144	155	14.0	1.4/2.0	Glass yarns	FRP in PE coat (3.5/6.0)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
16T12F	192	160	16	1.4/2.0	Glass yarns	FRP in PE coat (3.5/6.0)	HDPE (1.5)	-10° to +50° C	-40° to +70° C	20D/15D
24T12F	288	165	18	1.4/2.0	Glass yarns	FRP in PE coat (3.5/6.0)	HDPE (1.5)	-10° to +50° 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	2500N	2500N	2500N	2500N
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]			