Fiber optic universal cable, multitube Z-UT.MT.16J-4F/T, 2.7kN, G.652D

- HDPE jacket (black)
- Reinforced by a thick layer of glass fibers
- Multitube structure
- UV, water resistant
- Resistance to chemical agents
- Resistance to substances occuring in duct systems
- Reinforced by central FRP rod
- Hydrophobic gel in tube
- Optical fibers G.652D
- Ripcords

Applications:

- Duct systems
- Distribution networks
- Campus networks
- Outside the buildings
- Aerial installations, span up to 100 meters

Technical data	Product ID	Number of fibers	Number of fibers in tube	Number of tubes/fillers	Cable diameter [mm]	Thickness of jacket [mm]	Weight [kg/km]
	Z-UN.MT-16J.2.7KN-4F/T	16	4	4/2	10.6	2	96

Table 1. Fiber optic universal ZTT cable 16F, multitube, 2.7kN, G.652D

Mechanical parameters	IEC/ISO standard	Fiber optic cable Z-UN.MT-16J.2.7KN-4F/T
Tensile Strength	IEC 794-1-E1	2700N
Crush resistance	IEC 794 -1-E3	3000N/100 mm
Impact resistance	IEC 794 -1-E4	20 impacts, 15 Nm
Repeated bending	IEC 794-1-E6	20 [cycles(15xD)], load 150 N
Torsion resistance	IEC 794-1-E7	10 cycles 180˚, 170 N
UV resistance	ISO 4892/2	✓
Water penetration resistance	IEC 794-1-F5B	✓
Abrasion resistance	IEC 794-1-E2	✓
Temperature cycling test	IEC 794-1-F1	2 thermal cycles in the range of -40°C÷70°C

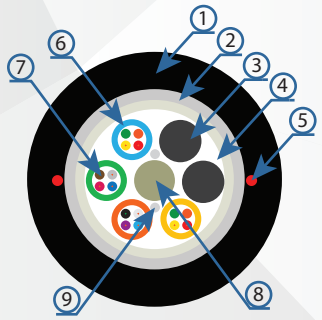
Table 2. Mechanical parameters of fiber optic duct ZTT cables 16F, multitube, 2.7kN, G.652D

Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aquamarine

Table 3. Fiber optic colour coding

STRUCTURE OF CABLE

- *Storage and transport temperature: -40°C ÷ 70°C*
- *Installation temperature: -30°C ÷ 60°C*
- *Operation temperature: -40°C ÷ 70°C*



1 - HDPE jacket (black)
2 - Fiberglass
3 - Filler
4 - Hydrophobic gel
5 - Ripcords (x2)
6 - Tube with optical fibers
7 - Optical fibers G.652D
8 - Central FRP rod
9 - Water-absorbing yarns