
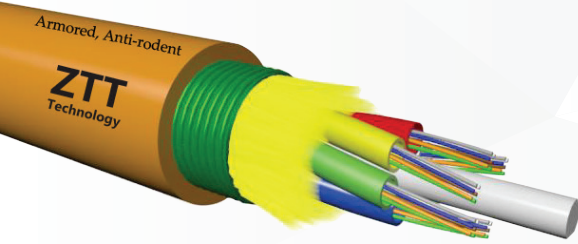


✔ Fiber optic multitube duct Anti-Rodent cables armored Z-DT.MT.04-60J.5KN, G.652D 



- Anti-Rodent protection
- Two-layered HDPE jacket (orange)
- Armored by corrugated steel tape and aramid yarns
- Multitube structure
- UV, water resistant
- Resistance to chemical agents
- Resistance to substances occurring in duct systems
- Reinforced by central FRP rod
- Hydrophobic gel in tube
- Optical fibers G.652D
- Ripcords

**Application:**

- Places exposed to rodent attacks
- Duct systems
- Distribution networks
- Campus networks
- Outside the buildings
- DAC installations

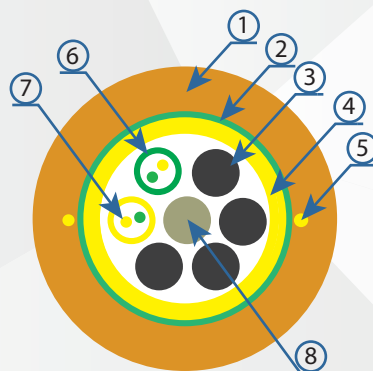
Technical data	Product ID	Number of fibers	Number of fibers in tube	Number of tubes/fillers	Cable diameter [mm]	Optical fiber	Weight [kg/km]
	Z-DT.MT-04J.5KN-2F/T	4	2	2/4	11.9	G.652D	140
	Z-DT.MT-06J.5KN-2F/T	6	2	3/3	11.9	G.652D	140
	Z-DT.MT-36J.5KN-6F/T	36	6	6/0	11.9	G.652D	140
	Z-DT.MT-60J.5KN-12F/T	60	12	5/1	11.9	G.652D	140

Table 1. Fiber optic duct ZTT cables Anti-Rodent 4-60F, armored, multitube, 5kN, G.652D

Mechanical parameters	IEC standard	Z-DT-MT-04-60J.5KN
Tensile Strength	IEC 794-1-E1	4000N
Crush resistance	IEC 794 -1-E3	5000N/100 mm
Impact resistance	IEC 794 -1-E4	20 impacts, 1 kg weight, 1 m height
Repeated bending	IEC 794-1-E6	20 [cycles(15xD)], load 10 kg
Torsion resistance	IEC 794-1-E7	10 cycles 180°, 150N
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 Anti-Rodent 4-60F, armored, multitube, 5kN, G.652D

- 1 - HDPE jacket
- 2 - Corrugated steel tape
- 3 - Filler
- 4 - Aramid yarns
- 5 - Ripcords (x2)
- 6 - Tube with optical fibers
- 7 - Optical fibers G.652D
- 8 - Central FRP rod



Structure of cable (example for 4F (2F/T))

Number	1	2	3	4	5	6
Colour	Red	Yellow	Green	Blue	Violet	Brown
Number	7	8	9	10	11	12
Colour	Black	Orange	Pink	Grey	Light green	Nature

Table 3. Fiber optic and tubes colour coding

- Storage and transport temperature: -40°C + 70°C
- Installation temperature: -15°C + 50°C
- Operation temperature: -30°C + 70°C

