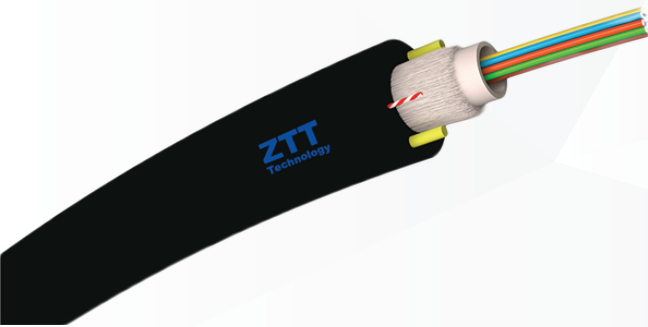


✓ Universal cable Z-UN.UT-12J, 1.5kN, 6.8 mm, G.652D



- HDPE jacket (black)
- Unitube structure
- UV resistant
- Resistance to chemical agents
- Resistance to substances occuring in duct systems
- Reinforced by glass fibers
- Hydrophobic gel in tube
- Optical fibers G.652D
- Ripcords

Application:

- Duct systems ➤ Aerial installations (span up to 60 m) ➤ Distribution networks ➤ Campus networks

Product ID	Number of fibers	Cable diameter [mm]	Tube diameter [mm]	Optical fibers	Weight [kg/km]
Z-UN.UT-12J	12	6.8	2	G.652D	28

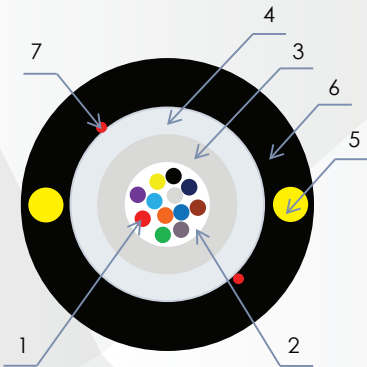
Table 1. Fiber optic universal cable ZTT 12J, 1.5kN, G.652D, 6.8 mm

Mechanical parameters	IEC/ISO standard	Universal ZTT cable 12J
Tensile Strength	IEC 794-1-E1	1500 N
Crush resistance	IEC 794 -1-E3	1000 N/100 mm
Impact resistance	IEC 794 -1-E4	10 impacts, 12 Nm
Torsion resistance	IEC 794-1-E7	10 cycles 180°, 120 N
UV resistant	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 universal cable ZTT 12J, 6.8 mm, G.652D

STRUCTURE OF CABLE

- 1 - Optical fibers G.652D
2 - Hydrophobic gel
3 - Central tube
4 - Fiberglass
5 - FRP rods
6 - HDPE jacket (black)
7 - Ripcords



- Storage and transport temperature: -40°C ÷ 70°C
- Installation temperature: -20°C ÷ 60°C
- Operation temperature: -40°C ÷ 70°C

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

