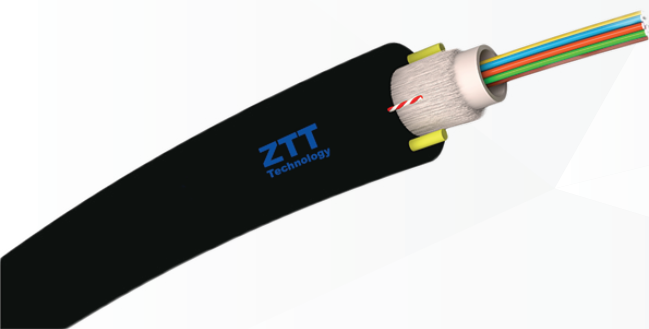


✔ Fiber optic universal cables Z-UN.UT-2-24J, 1.2kN, 5.2-6.2 mm, G.652D



- HDPE jacket (black)
- Unitube structure
- UV resistant
- Resistance to chemical agents
- Resistance to substances occurring 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

Technical data	Product ID	Number of fibers	Cable diameter [mm]	Tube diameter [mm]	Weight [kg/km]
	Z-UN-UT.02J	2	5.2	2	24
	Z-UN-UT.04J	4	5.2	2	24
	Z-UN-UT.08J	8	5.2	2	24
	Z-UN-UT.12J-2	12	5.2	2	24
	Z-UN-UT.24J	24	6.2	3	35

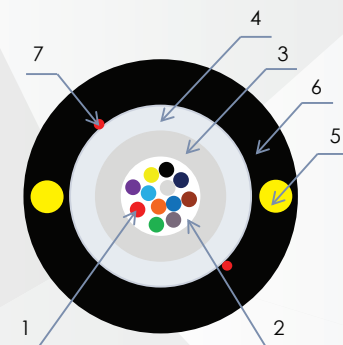
Table 1. Fiber optic universal cables ZTT 2-24J, 1.2kN, G.652D

Mechanical parameters	IEC/ISO standard	Universal ZTT cables 2-24F
Tensile Strength	IEC 794-1-E1	1200N
Crush resistance	IEC 794 -1-E3	1000N/100 mm
Impact resistance	IEC 794 -1-E4	10 impacts, 12 Nm
Torsion resistance	IEC 794-1-E7	10 cycles 180°, 120N
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 cables ZTT 2-24J, G.652D

STRUCTURE OF CABLE (example for 12F)

- 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

