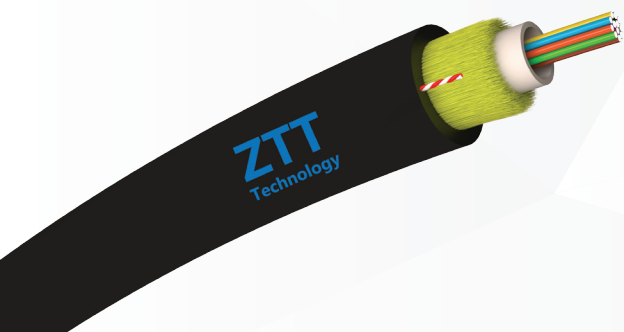


✔ Fiber optic microADSS cables Z-TPU.01-24J, 1kN, G.657A2, TPU, span 80 m



- ▶ TPU jacket
- ▶ Unitube structure
- ▶ Small diameters
- ▶ UV resistant
- ▶ Hydrophobic gel in tube
- ▶ Optical fibers G.657A2
- ▶ Reinforced by aramid yarns
- ▶ Span: up to 80 meters
- ▶ Ripcords

Application: ▶ Aerial installations, span up to 80 m ▶ FTTH ▶ Access networks ▶ Last mile ▶ Microduct systems

Technical data	Product ID	Number of fibers	Cable diameter [mm]	Tube diameter [mm]	Weight [kg/km]
	Z-TPU.01J	1	3	1	9
	Z-TPU.02J	2	3	1	9
	Z-TPU.04J	4	3.3	1.2	10
	Z-TPU.08J	8	3.6	1.6	12
	Z-TPU.12J	12	3.6	1,6	12
	Z-TPU.16J	16	3.9	2	14
	Z-TPU.24J	24	4.1	2.4	16

Table 1. Fiber optic microADSS ZTT cables 1-24F, 1kN, G.657A2, TPU

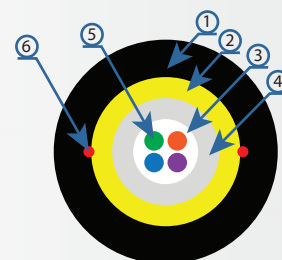
Mechanical parameters	IEC/ISO standard	Cables 1/2/4F Z-TPU.01-04J	Cables 8/12/16/24F Z-TPU.08-24J
Tensile Strength	IEC 794-1-E1	800 N	1000 N
Crush resistance	IEC 794 -1-E3	700 N/100 mm	
Impact resistance	IEC 794 -1-E4	10 impacts, 7 Nm	
Torsion resistance	IEC 794-1-E7	5 cycles 180°, load 100 N	
UV resistance	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 microADSS ZTT cables 1-24F, 1kN, G.657A2, TPU

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

- 1 - TPU jacket (black)
- 2 - Aramid yarns
- 3 - Hydrophobic gel
- 4 - Central tube with fibers
- 5 - Optical fibers G.657A2
- 6 - Ripcord (x2)



STRUCTURE OF CABLE (example for 4F)

