

✔ Fiber optic unitube microduct cables Z-MICRO-UT.02-12J-3, G.657A1, diameter 2.4 mm



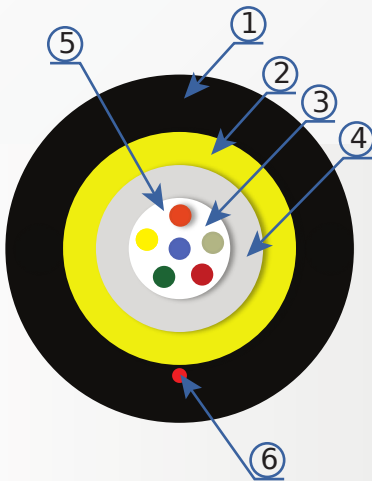
- HDPE jacket (black)
- Small reduced diameters
- Unitube structure
- UV, water resistant
- Resistance to chemical agents
- Resistance to substances occurring in duct systems
- Reinforced by aramid yarns
- Thixotropic gel in tube
- Optical fibers G.657A1

Application:

- Microduct systems
- Outdoor installation
- Indoor installation (in LSOH micropipes)
- Blowing installation

Technical data	Product ID	Number of fibers	Cable diameter [mm]	Optical fibers type	Jacket thickness [mm]	Weight [kg/km]
	Z-MICRO-UT.02J-3	2	2.4	SM G.657A1	0.3	5
	Z-MICRO-UT.04J-3	4	2.4	SM G.657A1	0.3	5
	Z-MICRO-UT.06J-3	8	2.4	SM G.657A1	0.3	5
	Z-MICRO-UT.12J-3	12	2.4	SM G.657A1	0.3	5

Table 1. Fiber optic microduct ZTT 2-12F cables, unitube, G.657A1, 2.4 mm



- Tensile Strength: 150N
- Crush resistance: 500N/100 mm
- Storage and transport temperature: -25°C ÷ 70°C
- Installation temperature: -6°C ÷ 40°C
- Operation temperature: -20°C ÷ 60°C

- 1 - HDPE jacket (black)
- 2 - Aramid yarns
- 3 - Optical fibers G.657A1
- 4 - Central tube
- 5 - Thixotropic gel
- 6 - Ripcord

STRUCTURE OF CABLE (example for 6F)

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

Table 3. Fiber optic colour coding

According to standards IEC 60793-1, IEC 60793-2, IEC 60794-5

