

## Fiber optic cables (microduct cables)

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

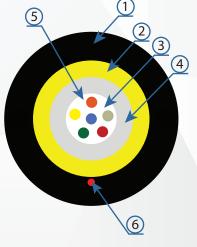
Outdoor installation

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 2.4 SM G.657A		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



STRUCTURE OF CABLE (example for 6F)

- 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

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









