

✔ Fiber optic unitube microduct cables Z-MICRO-UT.02-24J, G.652D



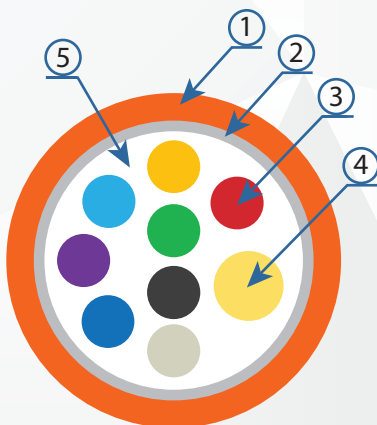
- HDPE jacket (orange)
- Small reduced diameters
- Unitube structure
- UV, water resistant
- Resistance to chemical agents
- Resistance to substances occurring in duct systems
- Reinforced by FRP rod
- Hydrophobic gel in tube
- Optical fibers G.652D

Application:

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

	Product ID	Number of fibers	Cable diameter [mm]	FRP rod diameter [mm]	Thickness of jacket [mm]	Weight [kg/km]
Technical data	Z-MICRO-UT.02J	2	1.6	0.4	0.2	5
	Z-MICRO-UT.04J	4	1.9	0.4	0.2	5
	Z-MICRO-UT.08J	8	2.2	0.4	0.2	5
	Z-MICRO-UT.12J	12	2.5	0.4	0.2	5
	Z-MICRO-UT.24J	24	3.4	0.4	0.3	10

Table 1. Fiber optic microduct ZTT 2-24F cables, unitube, G.652D



- Tensile Strength: 200N for 2-8F, 250N for 12F, 300N for 24F
- Crush resistance: 120N/100 mm for 1-12F, 200N for 24F
- Storage and transport temperature: -40°C ÷ 70°C
- Installation temperature: -20°C ÷ 70°C
- Operation temperature: -30°C ÷ 70°C

- 1 - HDPE jacket (orange)
- 2 - Central tube
- 3 - Optical fibers G.652D
- 4 - FRP rod
- 5 - Hydrophobic gel

STRUCTURE OF CABLE (example for 8F)

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

