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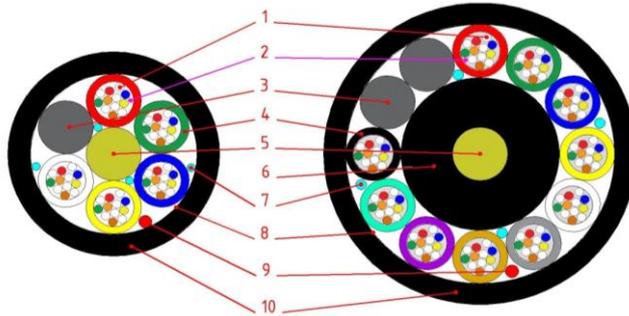
OPTICAL CABLE

Micro A-DQ(ZN)2Y xTyE 1.0kN

01.08.2025

ID: B10PxS1

Cable Design



- Blowing installation
- UV resistant
- All-dielectric

1. Optical fiber	Single-mode Rec. ITU-T G.652.D
2. Filler	Thixotropic filling compound (gel)
3. Dummy filler	Polyethylene (HDPE)
4. Loose Tube	Polybutylene terephthalate (PBT)
5. Central strength member	FRP rod
6. FRP jacketing	Polyethylene (HDPE)
7. Water blocking element	Water blocking yarn
8. Fixing element	Aramid yarn
9. Ripcord	Polyester yarn
10. Outer jacket	Polyethylene (HDPE), black, UV-resistance

Technical data

	B10P7S1	B10P8S1	B10PGS1	B10PES1	B10PKS1	B10PNS1	B10PRS1	B10PTS1	B10PXS1	
Optical fiber/Manufacturer	Single-mode Rec. ITU-T G.652.D									
Cladding Diameter	(±0,7), μm 125									
Coating Diameter	(±5), μm 242									
Attenuation	(λ= 1310 nm), dB/km ≤ 0,32									
	(λ= 1550 nm), dB/km ≤ 0,22									
Number of optical fibers	12	12	24	24	36	48	72	96	144	
Design	1x12	2x6	4x6	2x12	3x12	4x12	6x12	8x12	12x12	
Number of elements	6									
Number of fillers	5	4	2	4	3	2	0			
Loose Tube diameter	(±0,2), mm 1,5									
Cable diameter	(±0,4), mm 5,6						6,6		8,4	
Outer sheath thickness	(±0,2), mm 0,5									
Cable weight	(±5%), kg/km 24									
Max. Tension	Installation , kN 0,7			25			26	27	38	59
Crush resistance, N/10 cm	500									
Delivery Lengths	(±100) , m 2000 / 4000 *									
Temperature range	Operation, °C -40 ... +60									
	Installation, °C -10 ... +50									
	Storage, °C -40 ... +60									
Min. bending radius	20xOD									

* - other lengths available upon agreement

Identification

Optical fibers	
Loose Tubes	
Cable marking	<p>The cable is marked in yellow every 1 meter of length by inkjet printing</p> <p>UTEX 20yy Micro A-DQ(ZN)2Y xTyE 1.0kN B10PxS1 ZZZZ m</p> <p>where: yyyy - year; xx - the number of optical fibers in the cable; ZZZZ - sequential length mark.</p>

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