



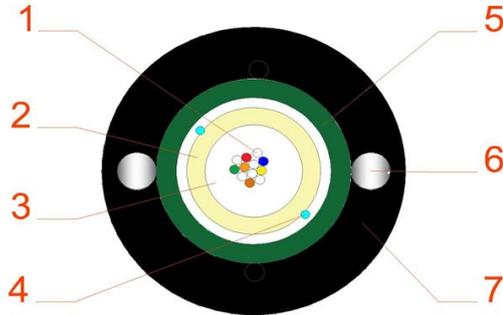
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OPTICAL CABLE A-DQ(ZM-SR)2Y xE 1,5kN

16.07.2025

ID: G15Tx8

Cable Design



- Direct burying
- Cable duct
- Rodent protection

1. Optical fiber	Single-mode Rec. ITU-T G.652.D
2. Loose Tube	Polybutylene terephthalate (PBT)
3. Filler	Thixotropic filling compound (gel)
4. Water blocking element	Water blocking yarn
5. Corrugated steel armour	Steel tape
6. Peripheral strength member	Steel wire
7. Protection jacket	Polyethylene (HDPE), black

Technical data

	G15T18	G15T28	G15T38	G15T58	G15T78	G15TA8	G15TE8
Optical fiber/Manufacturer	Single-mode Rec. ITU-T G.652.D / Corning®						
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	1	2	4	8	12	16	24
Central tube diameter	(±0,2), mm		2,5				
Cable diameter	(±0,4), mm		7,8				
Cable weight	(±5%), kg/km		69,0		70,0		
Max. Tension	Installation, kN		1,5				
	Operational, kN		0,8				
Crush resistance, N/10 cm	3000						
Delivery Lengths	(±100), m		2000 / 4000 *				
Temperature range	Operation, °C		-40 ... +70				
	Installation, °C		-10 ... +50				
	Storage, °C		-40 ... +70				
Min. bending radius	20xOD						

* - other lengths available upon agreement

Identification

Optical fibers*			
Центральна труба**	<table border="1"> <tr> <td>1</td> </tr> <tr> <td>NAT</td> </tr> </table>	1	NAT
1			
NAT			
Cable marking	<p>The cable is marked in yellow every 1 meter of length by inkjet printing</p> <p>where: yyyy - year; xx - the number of optical fibers in the cable; ZZZZ - sequential length mark.</p>		

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