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OPTICAL CABLE

A/J-(ZN-AY)H xE 0.3/0.8kN G.657A2

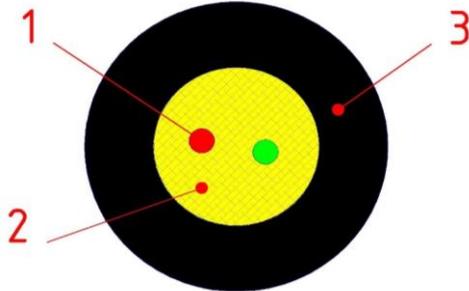
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Cable Design

Purpose

Properties



Aerial



Outdoor



Indoor



UV resistant



Flame resistant



All-dielectric

1. Optical fiber	Single-mode Rec. ITU-T G.657.A2
2. Peripheral strength member	Aramid yarn
3. Outer jacket	Thermoplastic LSZH, UV resistance

Technical data

A08F1K

A08F2K

A08F3K

Optical fiber/Manufacturer	Single-mode Rec. ITU-T G.657.A2		
Cladding Diameter	(±0,7), μm	125	
Coating Diameter	(±5), μm	242	
Attenuation	(λ= 1310 nm), dB/km	≤ 0,4	
	(λ= 1550 nm), dB/km	≤ 0,3	
Number of optical fibers	1	2	4
Cable diameter	(±0,2), mm	3	
Cable weight	(±5%), kg/km	9,0	
Max. Tension	Installation, kN	0,8	
	Operational, kN	0,3	
Crush resistance, N/10 cm	2500		
Cable modulus of elasticity, N/mm ²	9268,7		
Effective cable area, mm ²	4,9		
Thermal expansion coefficient, °C ⁻¹	8,48E-07		
Delivery Lengths	(±100), m	1000 / 2000 / 4000 *	
Temperature range	Operation, °C	-35 ... +70	
	Installation, °C	-10 ... +50	
	Storage, °C	-35 ... +70	
Min. bending radius	7xOD		

* - other lengths available upon agreement

Identification

Optical fibers	
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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