

Glass-armoured riser cables - 2 fibers



Properties

- Metal free indoor and outdoor cable
- Rodent-protected, glass-armoured
- For vertical applications
- For direct connector assembly
- Halogen free and self-extinguishing
- Low fire load for high safety requirements
- Longitudinal and transversal watertight cable

Applications

- For FTTA installation
- Data cable in distribution networks

Design

Cable design	2 tight tubes
Strain relief and rodent protection	glass-armoured
Jacket material	LSFH™
Jacket colour	black

According to IEC 60794-1-2

Ordering information

02.../F(ZNG)H...48

02.../F(ZNG)H...55

02.../F(ZNG)H...70

Please see page 168.

Approvals

UL listed acc. OFNR

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Specification						
Number of fibers		2	2	2		
Jacket Ø	mm	4.8	5.5	7.0		
Tube Ø	mm	0.9	0.9	0.9	coloured	
Approx. weight	kg/km	26	35	55		

Mechanical properties						
Tensile strength	during installation	N	1000	1000	1000	IEC 60794-1-2 E1
	in service	N	500	500	500	
Min. bend radius ¹⁾	during installation	mm	72	83	105	IEC 60794-1-2 E11
	in service	mm	48	60	70	
Crush resistance SM	short-term	N/dm	20 000	20 000	20 000	IEC 60794-1-2 E3
	long-term	N/dm	6000	6000	6000	
Crush resistance MM	short-term	N/dm	20 000	20 000	20 000	IEC 60794-1-2 E3
	long-term	N/dm	7500	6000	6000	
Water penetration	h = 1 m, 24 h, p < 3 m		p	p	p	IEC 60794-1-2 F5B

Thermal properties						
Temperature range	during installation	°C	-40 to +70	-25 to +75	-25 to +75	IEC 60794-1-22 F1
	in service	°C	-40 to +75	-40 to +75	-40 to +75	
	in storage	°C	-40 to +75	-40 to +75	-40 to +75	

Combustion properties						
Fire load		MJ/m	0.46	0.67	1.2	
Fire propagation	on a vertical single cable		p	p	p	IEC 60332-1-2
	on a vertical cable bundle		p	p	p	IEC 60332-3-25
	on a vertical cable bundle		p	p	p	UL 1666
Halogen acid gas			p	p	p	IEC 60754-1
Degree of acidity			p	p	p	IEC 60754-2
2011/65/EC (RoHS)			compliant			
(EU) No 305/2011 (CPR)			*	**	***	EN 50575

- * Dca-s2, d0, a1
- ** Dca-s1a, d0, a1
- *** Dca-s1a, d1, a1

¹⁾ Smaller bending radius are possible with E9/125 LowBend (ITU G.657) and G50/125-OM3/OM4 BendOptimized.