

Breakout cables 1.4 mm



Properties

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relieved
- Ripcord for easy jacket removal
- Low smoke, halogen free and self-extinguishing
- Optimized outer-diameter construction

Applications

- Installation in indoor areas
- Data cable in distribution networks
- For installations in cable ducts
- For horizontal and collapsed backbone cabling
- Terminations possible for SFF connectors only

Design

Cable design	central strength member, non-metallic 12 to 24 single fiber cables with tight buffered tube 0.6 mm strain relief (aramide yarn) separating tape and 1 ripcord	
Channel marketing	single fiber cable numbered	
Jacket material	LSFH™	
Tube/jacket colour	E9	yellow
	G50 - OM3	turquoise
	G50 - OM4	heather violet
	G50 - OM5	lime green
	G62.5 - OM1	orange

According to IEC 60794-1-2

Ordering information

12.../VJSNH...14
16.../VJSNH...14
24.../VJSNH...14

Please see page 149.

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Specification		12	16	24	
Jacket Ø	mm	9.0	9.0	10.6	
Single fiber cable Ø	mm	1.4	1.4	1.4	numbered
Tube Ø	mm	0.6	0.6	0.6	
Approx. weight	kg/km	83	76	105	

Mechanical properties						
Tensile strength	during installation	N	3000	4000	5000	IEC 60794-1-2 E1
	in service	N	12 × 70	16 × 70	24 × 70	
Min. bend radius	during installation	mm	130	130	160	IEC 60794-1-2 E11
	in service	mm	90	90	100	
Crush resistance	short-term	N/dm	12 000	12 000	9000	IEC 60794-1-2 E3
	long-term	N/dm	3000	3000	3000	
Impact resistance	Wp = 2.21 J	impacts	100	100	100	IEC 60794-1-2 E4
Repeated bending	r = 100 mm	cycles	2000	2000	2000	IEC 60794-1-2 E6
	r = 200 mm					

Thermal properties					
Temperature range	during installation	°C	−10 to +60		IEC 60794-1-22 F1
	in service	°C	−25 to +70		
	in storage	°C	−25 to +70		

Combustion properties						
Fire load		MJ/m	2.2	2.3	3.1	
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
Smoke density			p	p	p	IEC 61034-2
Halogen acid gas	jacket material		p	p	p	IEC 60754-1
Degree of acidity	jacket material		p	p	p	IEC 60754-2
2011/65/EC (RoHS)			compliant	compliant	compliant	
(EU) No 305/2011 (CPR)			*	**	***	EN 50575

p = passed

* Dcas2, d2, a1

** Dcas1a, d2, a1

*** Ccas1a, d0, a1