

Duplex cables figure 8 (zip cord) - 1.7 mm



Design

Tube	2 tight buffered tubes 0.9 mm	
Strain relief	Aramide yarn	
Jacket material	LSFH™	
Jacket colour	E9	yellow
	OM2	orange
	OM3	turquoise
	OM4	heather violet
	G62.5	orange

Properties

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relief
- Tube can be stripped up to 30 mm in one piece
- Tight bending radii
- For high thermal stability
- Halogen free and non-corrosive fire gases
- Jacket material according to UL 94V-0
- Low fire load for high safety requirements

Applications

- Installation in indoor area
- Patch cable in distribution centres
- Data cable in distribution networks
- Ideal for applications involving safety requirements in case of fire

According to IEC 60794-1-2

Ordering information

02-.../FJH-...17

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Specification			
Jacket Ø		1.7 x 3.5	mm
Single fiber Ø		1.7	mm
Tube Ø		0.9	mm
Channel marking on single fiber			with one fiber each inscription on one side
Approx. weight		6.0	kg/km

Mechanical properties				
Tensile strength	during installation	2 x 100	N	IEC 60794-1-2 E1
	in service	2 x 50	N	
Min. bend radius	during installation	50	mm	IEC 60794-1-2 E11
	in service	25	mm	
Crush resistance	short-term	100	N/cm	IEC 60794-1-2 E3
	long-term	50	N/cm	
Impact resistance	Wp = 2.94 J, r = 25 mm	3	impacts	IEC 60794-1-2 E4

Thermal properties				
Temperature range	during installation	-10 to +60	°C	IEC 60794-2-50 F12
	in service	-40 to +70	°C	
	in storage	-40 to +70	°C	

Specification for singlemode at 1550 nm, for multimode at 1300 nm

Combustion properties				
Fire load		0.13	MJ/m	
Fire propagation	on a vertical single cable	p		IEC 60332-1
Halogen acid gas	jacket material	p		IEC 60754-1
Degree of acidity	jacket material	p		IEC 60754-2
2002/95/EC (RoHS)		compliant		

p = passed