

Jellyfree multi-fiber loose tube cables – up to 60 fibers



Design

Cable construction	dry multi-fiber loose tube with up to 5 × 12 fibers 2 ripcords	
Strain relief	Aramide yarn	
Fiber colour	according to colour code	
Jacket material	LSFH™	
Jacket colour	E9	yellow
	OM2	orange
	OM3	turquoise
	OM4	heather violet
	G62.5	orange

Properties

- Metal free indoor cable
- Strain relief with Aramide yarn
- For vertical application
- No need for cleaning the fibers
- Low smoke, halogen free and self-extinguishing
- For MASTERLINE applications
- Jelly free

Applications

- Installation in indoor areas
- Data cable in distribution networks
- For vertical applications up to 500 m
- For installation in cable ducts
- For high safety requirements in case of fire

According to IEC 60794-1-2

Ordering information

60-.../HSN(ZN)H-...110
Please see page 145

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Specification			
Jacket Ø		11.0	mm
Multi-fiber loose tube		standard	2 up to 12 fibers
Approx. weight		96.0	kg/km

Mechanical properties				
Tensile strength	during installation	2500	N	IEC 60794-1-2 E1
	in service	1000	N	
Min. bend radius	during installation	170	mm	IEC 60794-1-2 E11
	in service	110	mm	
Crush resistance	short-term	500	N/cm	IEC 60794-1-2 E3
	long-term	200	N/cm	
Impact resistance	Wp = 2.21 J, r = 25 mm	100	impacts	IEC 60794-1-2 E4
Repeated bending	r = 110 mm, weight = 2.5 kg	2000	cycles	IEC 60794-1-2 E6

Thermal properties				
Temperature range	during installation	-5 to +50	°C	IEC 60794-1-2 F1
	in service	-25 to +70	°C	
	in storage	-40 to +70	°C	

Specification for singlemode at 1310 nm, for multimode at 1300 nm

Combustion properties				
Fire load		2.2	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

More than 60 fibers on request.