

Jellyfree multi-fiber loose tube cables – up to 24 fibers



Properties

- Metal free indoor and outdoor cable
- Jelly free
- Strain relief with aramide yarn
- Ripcord for easy jacket removal
- Low smoke, halogen free and self-extinguishing
- Low fire load for high safety requirements
- No need for cleaning the fibers

Applications

- Data cable in distribution networks
- For vertical applications up to 500 m
- For installation in cable ducts

Design

Cable design	dry multi-fiber loose tube with 2 up to 24 fibers 1 ripcord	
Strain relief	aramide yarn	
Fiber colour	according to colour code	
Jacket material	LSFH™	
Jacket colour	E9	yellow
	G50 - OM2	orange
	G50 - OM3	turquoise
	G 50 - OM4	heather violet
	G50 - OM5	lime green
	G62.5 - OM1	orange

According to IEC 60794-1-2

Ordering information

12-.../BQ(ZN)H-...35
24-.../Q(ZN)H-...50

Please see page 154.

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Specification				
Jacket Ø	mm	3.5	5.0	
Number of fibers		2 to 12	2 to 24	
Multifiber loose tube	mm	mini	standard	
Approx. weight	kg/km	11.4	25.0	

Mechanical properties					
Tensile strength	during installation	N	900	1000	IEC 60794-1-2 E1
	in service	N	250	400	
Min. bend radius	during installation	mm	50	80	IEC 60794-1-2 E11
	in service	mm	35	50	
Crush resistance	short-term	N/dm	3000	3000	IEC 60794-1-2 E3
	long-term	N/dm	1500	1500	

Thermal properties					
Temperature range	during installation	°C	–10 to +50	–10 to +50	IEC 60794-1-22 F1
	in service	°C	–25 to +70	–5 to +70	
	in storage	°C	–25 to +70	–25 to +70	

Combustion properties				
Fire load	MJ/m	0.24	0.63	
Smoke density			p	IEC 61034-2
Halogen acid gas	jacket material	p	p	IEC 60754-1
Degree of acidity	jacket material	p	p	IEC 60754-2
2011/65/EC (RoHS)		compliant		

p = passed