Industry link QUADFIX – glass-armoured breakout cables

Design

Cable design	4 single fiber cables with tight tubes
Strain relief	glass-armoured
Jacket material	LSFH™
Jacket colour	black

Properties

- Metal free indoor and outdoor cable
- Rodent-protected, glass-armoured
- For direct connector assembly with strain relief
- Easy stripping
- UV-protected, suitable for outdoor use
- For high thermal and mechanical stability
- Low smoke, halogen free and self-extinguishing
- Improved crush resistance
- Longitudinal and transversal watertight cable

According to IEC 60794-1-2

Approvals

UL listed acc. OFN / OFNG

Applications

- For fixed installation
- Industrial Ethernet and LAN
- As control or data cable in industrial plants
- Cabling in harsh environment conditions
- LSFH™ - for applications involving high safety requirements in case of fire

Ordering information

04-.../FJ(ZNG)H-...22
04-.../FJ(ZNG)H-...22_UN (optional)

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Specification

Jacket Ø	9	mm	
Single fiber cable Ø	2.2	mm	
Tube Ø	0.9	mm	
Approx. weight	90	kg/km	

Mechanical properties

Tensile strength	during installation	2000	N	IEC 60794-1-2 E1
	in service	1000	N	
Min. bend radius	during installation	135	mm	IEC 60794-1-2 E11
	in service	90	mm	
Crush resistance	short-term	1500	N/cm	IEC 60794-1-2 E3
	long-term	400	N/cm	
Water penetration	h=1m, 24 h, p < 3 m	p		IEC 60794-1-2 F5B

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

Thermal properties

Temperature range	during installation	–20 to +60	°C	IEC 60794-1-2 F1
	in service	–40 to +70	°C	
	in storage	–40 to +70	°C	

Combustion properties

Fire load		1.6	MJ/m	
Fire propagation	on a vertical cable bundle	p		IEC 60332-3-24
Fire test	with circuit integrity (CI)	180	min	IEC 60331-25
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