

Industry Link QUADFIX – glass-armoured breakout cables



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

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

Design

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

According to IEC 60794-1-2

Ordering information

04.../FJSN(ZNG)H...22
04-H200/VJSN(ZNG)H...22

Please see page 167.

Approvals

UL listed acc. OFN/OFNG

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Specification				
Cable type		Industry Link QUADFIX		
Fiber types		E9, G50, G62	H200	
Jacket Ø	mm	9	9	
Single fiber cable Ø	mm	2.2	2.2	
Tube Ø	mm	0.9	0.5	
Approx. weight	kg/km	91	87	

Mechanical properties					
Tensile strength	during installation	N	2000	2000	IEC 60794-1-2 E1
	in service	N	1000	1000	
Min. bend radius	during installation	mm	135	135	IEC 60794-1-2 E11
	in service	mm	90	90	
Crush resistance	short-term	N/dm	15 000	6000	IEC 60794-1-2 E3
	long-term	N/dm	4000	2000	
Impact resistance	Wp = 2.2 J	impact	200	200	IEC 60794-1-2 E4
Water penetration	h = 1 m, 24 h, p < 3 m		p	p	IEC 60794-1-2 F5A

Thermal properties					
Temperature range	during installation	°C	–10 to +60	–10 to +60	IEC 60794-1-22 F1
	in service	°C	–40 to +70	–20 to +70	
	in storage	°C	–40 to +70	–25 to +70	

Combustion properties					
Fire load		MJ/m	1.63	1.62	
Fire propagation	on a vertical cable bundle		p	p	IEC 60332-3-24
Fire test	with circuit integrity (CI)	min	180		IEC 60331-25
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	compliant	
(EU) No 305/2011 (CPR)			Cca-s1a, d0, a1		EN 50575

p = passed