




Product information M-SFP-LH+/LC EEC

Industrial Ethernet: System Accessories: Transceiver: Gigabit Ethernet SFP Transceiver: M-SFP-LH+/LC EEC

<http://dev-catalog.beldensolutions.com/link/57078-24455-24544-24535-24529-504353/en/conf/ui/state>

Name	M-SFP-LH+/LC EEC
	
	SFP Fiberoptic Gigabit Ethernet Transceiver with LC connector and extended temperature range for all switches with Gigabit Ethernet SFP slot
Delivery informations	
Availability	available
Product description	
Description	SFP Fiberoptic Gigabit Ethernet Transceiver with LC connector and extended temperature range for all switches with Gigabit Ethernet SFP slot
Port type and quantity	1 x 1000BASE-LX with LC connector
Type	M-SFP-LH+/LC EEC
Order No.	942 119-001
Network size - length of cable	
Single mode fiber (LH) 9/125 µm (long haul transceiver)	44 - 120 km 13 - 32 dB link budget at 1550 nm A = 0.25 dB/km, 2 dB reserve, D = 19 ps/(nm x km)
Power requirements	
Operating voltage	power supply via the switch
Power consumption	1 W
Service	
Diagnostics	optical input and output power, transceiver temperature
Ambient conditions	
Operating temperature	-40°C to +85°C
Storage/transport temperature	-40°C to +85°C
Relative humidity (non-condensing)	5% to 95%
Mechanical construction	
Dimensions (W x H x D)	20 mm x 18 mm x 50 mm
Mounting	SFP slot
Weight	40 g
Protection class	IP 20
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz - 13.2 Hz, 90 min.; 0.7g, 13.2 Hz - 100 Hz, 90 min.; 3.5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1kV data line
EN 61000-4-6 conducted immunity	3 V (10 kHz - 150 kHz), 10 V (150 kHz - 80 MHz)
EMC emitted immunity	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of information technology equipment	cUL 60950-1
Shipbuilding	Germanischer Lloyd, ABS, BV, DNV, LR, KR, RINA
Scope of delivery and accessories	
Scope of delivery	SFP module



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