



Product information M-SFP-LH+/LC

Industrial Ethernet: System Accessories: Fiberoptic Transceiver: SFP Gigabit-Ethernet Transceiver for media module: M-SFP-LH+/LC

<http://www.e-catalog.beldensolutions.com/link/57078-24455-24544-24535-24529-38630/en/conf/ui/state>

Name M-SFP-LH+/LC



SFP Fiberoptic Gigabit Ethernet Transceiver for: MICE media modules, MM4-4TX/SFP and MM4-2TX/SFP, OpenRail RS30-Switches, MACH 4002 48+4G, SmartLION and GigaLION.

Delivery informations

Availability available

Product description

Description SFP Fiberoptic Gigabit Ethernet Transceiver for: MICE media modules, MM4-4TX/SFP and MM4-2TX/SFP, OpenRail RS30-Switches, MACH 4002 48+4G, SmartLION and GigaLION.

Port type and quantity 1 x 1000BASE-LX with LC connector

Type M-SFP-LH+/LC

Order No. 943 049-001

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 0 °C to +60 °C

Storage/transport temperature -40°C to +85°C

Relative humidity (non-condensing) 10% 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



HIRSCHMANN

A Belden Brand

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Scope of delivery and accessories

Scope of delivery	SFP module
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