

Product information

M-SFP-2.5-LH/LC

Industrial Ethernet: System Accessories: Transceiver: 2.5 Gigabit Ethernet SFP Transceiver: M-SFP-2.5-LH/LC

<http://dev-catalog.beldensolutions.com/link/57078-24455-24544-24535-460655-504616/en/conf/uistate>

Name	M-SFP-2.5-LH/LC
	
	SFP Fiberoptic 2.5 Gigabit Ethernet Transceiver SM longhaul, extended temperature range
Delivery informations	
Availability	available
Product description	
Description	SFP Fiberoptic 2.5 Gigabit Ethernet Transceiver SM longhaul, extended temperature range
Port type and quantity	1 x 2500 Mbit/s with LC connector
Type	M-SFP-2.5-LH/LC
Order No.	942 220-001
Network size - length of cable	
Single mode fiber (LH) 9/125 µm (long haul transceiver)	typ 80 km (Link Budget at 1551 nm) = 14-28 dB; A = 0.25 dB/km; 19 ps/(nm*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...+60 °C
Relative humidity (non-condensing)	5-95 %
MTBF	236 years (Telcordia SR-332, Issue 2, 40°C)
Mechanical construction	
Dimensions (W x H x D)	20 mm x 18 mm x 50 mm
Mounting	SFP slot
Weight	40 g
Protection class	IP20
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.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 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 CFR-47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of information technology equipment	EN60950, cUL 60950-1
Scope of delivery and accessories	
Scope of delivery	SFP module



HIRSCHMANN

A **BELDEN** BRAND

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.