




**Product information**  
**M-SFP-LX+/LC**  
**942 023-001**

Name	
Name	M-SFP-LX+/LC
	
SFP Fiberoptic Gigabit Ethernet Transceiver, extended temperature range.	
Delivery informations	
Availability	available
Product description	
Description	SFP Fiberoptic Gigabit Ethernet Transceiver, extended temperature range.
Port type and quantity	1 x 1000BASE-LX with LC connector
Type	M-SFP-LX+/LC
Order No.	942 023-001
Network size - length of cable	
Multimode fiber (MM) 50/125 µm	n/a
Multimode fiber (MM) 62.5/125 µm	n/a
Single mode fiber (SM) 9/125 µm	5-42 km, 5-20 dB link budget at 1310 nm, A = 0.4 dB/km, 3 dB reserve
Single mode fiber (LH) 9/125 µm (long haul transceiver)	n/a
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% up to 95%
MTBF	856 years, Telcordia SR-332
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
Scope of delivery and accessories	
Scope of delivery	SFP module

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.