




Product information SFP-GIG-LX/LC EEC

Name	
SFP-GIG-LX/LC EEC	
	
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	SFP-GIG-LX/LC EEC
Order No.	942196002
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	0 - 20 km (Link Budget at 1310 nm = 0 - 10.5 dB; A = 0.4 dB/km; D = 3.5 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	-40 - +85 °C
MTBF (Telcordia)	262 years; Telcordia SR-332; Gb 25°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	cUL 60950-1
Scope of delivery and accessories	
Scope of delivery	SFP module