



Product information SFP-GIG-BB LX/LC EEC

Industrial Ethernet: System Accessories: Transceiver: Gigabit Ethernet Bi-Directional SFP Transceiver: SFP-GIG-BB LX/LC EEC
<http://dev-catalog.beldensolutions.com/link/57078-24455-24544-24535-65079-504618/en/conf/ui/state>

Name SFP-GIG-BB LX/LC EEC



SFP Fiberoptic bi-directional Gigabit Ethernet Transceiver SM, Type B, extended temperature range

Delivery informations

Availability available

Product description

Description SFP Fiberoptic bi-directional Gigabit Ethernet Transceiver SM, Type B, extended temperature range

Port type and quantity 1 x 1000 Mbit/s with LC connector

Type SFP-GIG-BB LX/LC EEC

Order No. 942 207-002

Network size - length of cable

Single mode fiber (SM) 9/125 µm 0 - 20 km (Link Budget (TX: 1550 nm, RX: 1310) = 0-15 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 -40°C to +85°C

Relative humidity (non-condensing) 5% up to 95%

MTBF 262 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 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 EN60950, cUL 60950-1

Scope of delivery and accessories

Scope of delivery SFP module

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.