




## Product information SFP-GIG-LX/LC

Industrial Ethernet: System Accessories: Transceiver: Gigabit Ethernet SFP Transceiver: SFP-GIG-LX/LC

<http://dev-catalog.beldensolutions.com/link/57078-24455-24544-24535-24529-480631/en/conf/ui/state>

|  |   |
|--|---|
| Name                                       | SFP-GIG-LX/LC   |
|  |    |
|  | SFP Fiberoptic Gigabit Ethernet Transceiver   |
| <b>Delivery informations</b>               |   |
| Availability                               | available   |
| <b>Product description</b>                 |   |
| Description                                | SFP Fiberoptic Gigabit Ethernet Transceiver   |
| Port type and quantity                     | 1 x 1000BASE-LX with LC connector   |
| Type                                       | SFP-GIG-LX/LC   |
| Order No.                                  | 942196001   |
| <b>Network size - length of cable</b>      |   |
| 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))   |
| <b>Power requirements</b>                  |   |
| Operating voltage                          | power supply via the switch   |
| Power consumption                          | 1 W   |
| <b>Service</b>                             |   |
| Diagnostics                                | Optical input and output power, transceiver temperature   |
| <b>Ambient conditions</b>                  |   |
| Operating temperature                      | 0 - +60 °C  |
| Relative humidity (non-condensing)         | 5% - 95%  |
| MTBF (Telcordia)                           | 262 years; Telcordia SR-332; Gb 25°C  |
| <b>Mechanical construction</b>             |   |
| Dimensions (W x H x D)                     | 20 mm x 18 mm x 50 mm   |
| Mounting                                   | SFP slot  |
| Weight                                     | 40 g  |
| Protection class                           | IP20  |
| <b>Mechanical stability</b>                |   |
| 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 |
| <b>EMC interference immunity</b>           |   |
| 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), 1 kV data line   |
| EN 61000-4-6 conducted immunity            | 3 V (10 kHz - 150 kHz), 10 V (150 kHz - 80 MHz)   |
| <b>EMC emitted immunity</b>                |   |
| FCC CFR47 Part 15                          | FCC CFR-47 Part 15 Class A  |
| EN 55022                                   | EN 55022 Class A  |
| <b>Approvals</b>                           |   |
| Safety of information technology equipment | cUL 60950-1   |
| <b>Scope of delivery and accessories</b>   |   |
| Scope of delivery                          | SFP module  |

For more information please contact:

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