



**Product information**  
**SFP-FAST-MM/LC**

|  |   |
|--|---|
| <b>Name</b>  |   |
| <b>Name</b>  | SFP-FAST-MM/LC  |
| <b>Image</b>   |    |
| <b>Description</b>   | SFP Fiberoptic Fast-Ethernet Transceiver  |
| <b>Delivery informations</b>                                   |   |
| <b>Availability</b>  | available   |
| <b>Product description</b>                                     |   |
| <b>Description</b>   | SFP Fiberoptic Fast-Ethernet Transceiver  |
| <b>Port type and quantity</b>                                  | 1 x 100 BASE-FX with LC connector   |
| <b>Type</b>  | SFP-FAST-MM/LC  |
| <b>Order No.</b>   | 942194001   |
| <b>Network size - length of cable</b>                          |   |
| <b>Multimode fiber (MM) 50/125 µm</b>                          | 0 - 5000 m (Link Budget at 1310 nm = 0 - 8 dB; A=1 dB/km; BLP = 800 MHz*km)   |
| <b>Multimode fiber (MM) 62.5/125 µm</b>                        | 0 - 4000 m (Link Budget at 1310 nm = 0 - 11 dB; A = 1 dB/km; BLP = 500 MHz*km)  |
| <b>Single mode fiber (SM) 9/125 µm</b>                         | -   |
| <b>Single mode fiber (LH) 9/125 µm (long haul transceiver)</b> | -   |
| <b>Power requirements</b>                                      |   |
| <b>Operating voltage</b>                                       | power supply via the switch   |
| <b>Power consumption</b>                                       | 1 W   |
| <b>Service</b>   |   |
| <b>Diagnostics</b>   | Optical input and output power, transceiver temperature   |
| <b>Ambient conditions</b>                                      |   |
| <b>Operating temperature</b>                                   | 0 - +60 °C  |
| <b>MTBF (Telcordia)</b>  | 262 years; Telcordia SR-332; Gb 25°C  |
| <b>Mechanical construction</b>                                 |   |
| <b>Dimensions (W x H x D)</b>                                  | 20 mm x 18 mm x 50 mm   |
| <b>Mounting</b>  | SFP slot  |
| <b>Weight</b>  | 40 g  |
| <b>Protection class</b>  | IP20  |
| <b>Mechanical stability</b>                                    |   |
| <b>IEC 60068-2-27 shock</b>                                    | 15 g, 11 ms duration, 18 shocks   |
| <b>IEC 60068-2-6 vibration</b>                                 | 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>                               |   |
| <b>EN 61000-4-2 electrostatic discharge (ESD)</b>              | 6 kV contact discharge, 8 kV air discharge  |
| <b>EN 61000-4-3 electromagnetic field</b>                      | 10 V/m (80-1000 MHz)  |
| <b>EN 61000-4-4 fast transients (burst)</b>                    | 2 kV power line, 1 kV data line   |
| <b>EN 61000-4-5 surge voltage</b>                              | power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line   |
| <b>EN 61000-4-6 conducted immunity</b>                         | 3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)   |
| <b>EMC emitted immunity</b>                                    |   |
| <b>FCC CFR47 Part 15</b>                                       | FCC CFR-47, Part 15, Class A  |
| <b>EN 55022</b>  | EN 55022 Class A  |
| <b>Approvals</b>   |   |
| <b>Safety of information technology equipment</b>              | cUL 60950-1   |
| <b>Scope of delivery and accessories</b>                       |   |
| <b>Scope of delivery</b>                                       | SFP module  |