


## Product information SFP-FAST-MM/LC EEC

<b>Name</b>	SFP-FAST-MM/LC EEC
	
	SFP Fiberoptic Fast-Ethernet Transceiver, extended temperature range
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	SFP Fiberoptic Fast-Ethernet Transceiver, extended temperature range
<b>Port type and quantity</b>	1 x 100 BASE-FX with LC connector
<b>Type</b>	SFP-FAST-MM/LC EEC
<b>Order No.</b>	942194002
<b>Network size - length of cable</b>	
<b>Multimode fiber (MM) 50/125 µm</b>	0 - 5000 m 0 - 8 dB link budget at 1310 nm A = 1 dB/km, 3 dB Reserve, B = 800 MHz x km
<b>Multimode fiber (MM) 62.5/125 µm</b>	0 - 4000 m 0 - 11 dB link budget at 1310 nm A = 1 dB/km, 3 dB Reserve, B = 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>	-40 - +85 °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