

FL SFP SX2 - Media module

2702397

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Gigabit SFP module for transmission up to 2 km with a wavelength of 1310 nm.



Product description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 1310 nm, and a maximum transmission length of 2 km.

Your advantages

- MSA compliant

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Technical data

Dimensions

| | |
|--------|---------|
| Width | 13.7 mm |
| Height | 8.95 mm |
| Length | 56.5 mm |

Material specifications

| | |
|------------------|-------|
| Housing material | Metal |
|------------------|-------|

Mounting

| | |
|---------------|--------------------|
| Mounting type | Insert in SFP slot |
|---------------|--------------------|

Interfaces

Ethernet FO

| | |
|------------------------------|--|
| Connection method | LC |
| Transmission speed | 1 Gbps |
| Transmit capacity, minimum | -15 dBm |
| Transmit capacity, maximum | -1 dBm |
| Minimum receiver sensitivity | -23 dBm |
| Maximum receiver sensitivity | -3 dBm |
| Transmission physics | multi-mode fiberglass |
| Transmission length | 2 km (Fiberglass 50/125) 1 km (Fiberglass 62.5/125) |
| Wavelength | 1310 nm |
| Signal LEDs | depending on the Factoryline device |
| No. of channels | 1 (LC multi-mode) |
| Transmit capacity, minimum | -15 dBm |
| Transmit capacity, maximum | -1 dBm |
| Minimum receiver sensitivity | -3 dBm |
| Maximum receiver sensitivity | -23 dBm |
| Transmission physics | multi-mode fiberglass |

Product properties

| | |
|--------------|---|
| Product type | SFP module |
| Type | Factoryline devices with SFP slot |
| MTTF | 1862 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1) |
| Format | SFP (Small Form-factor Pluggable) |

Signaling

| | |
|----------------|--------------------------|
| Status display | via a Factoryline device |
|----------------|--------------------------|

Electrical properties

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| | |
|---|-----|
| Maximum power dissipation for nominal condition | 1 W |
| Transmission medium | FO |

Supply

| | |
|--------------------------|--------------------------------|
| Supply voltage | 3.3 V (via Factoryline switch) |
| Power supply connection | via SFP slot |
| Max. current consumption | 300 mA |
| Current consumption | 300 mA |

Environmental and real-life conditions

Ambient conditions

| | |
|---|-----------------------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 75 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C (non-condensing) |
| Case temperature | max. 85 °C (Operation) |

Standards and regulations

| | |
|--------------------------|------------------------|
| Standard designation | Laser equipment safety |
| Standards/specifications | IEC 60825 |

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