



Product: [PTN-SFP-100BASE-FX, SFP 1310nm-FX MM](#) 

Gigabit SFP 1310nm-FX Multimode

Product Description

Gigabit SFP 1310nm-FX Multimode

Technical Specifications

Product description

| | |
|--------------|-----------|
| Part Number: | 942245032 |
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Power requirements

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|--------------------|-----|
| Power consumption: | 1 W |
|--------------------|-----|

Software

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|--------------|---|
| Diagnostics: | Optical input and output power, transceiver temperature |
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Ambient conditions

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|-------------------------------------|------------|
| Operating temperature: | -30-+60 °C |
| Storage/transport temperature: | -30-+75 °C |
| Relative humidity (non-condensing): | 5-95 % |

Mechanical construction

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|---------------------|-----------------------|
| Dimensions (WxHxD): | 20 mm x 18 mm x 50 mm |
| Weight: | 40 g |
| Mounting: | SFP slot |
| Protection class: | IP20 |

Mechanical stability

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|--------------------------|--|
| IEC 60068-2-6 vibration: | 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 20 cycles, 1 octave/min |
| IEC 60068-2-27 shock: | 15 g, 11 ms duration, 18 shocks |

EMC interference immunity

| | |
|---|---|
| EN 61000-4-2 electrostatic discharge (ESD): | 8 kV contact discharge, 15 kV air discharge |
| EN 61000-4-3 electromagnetic field: | 35 V/m (80-3800 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) |

EMC emitted immunity

| | |
|--------------------|----------------------------|
| EN 55022: | EN 55022 Class B |
| FCC CFR47 Part 15: | FCC 47CFR Part 15, Class B |

Approvals

| | |
|---|---------|
| Safety of information technology equipment: | EN60950 |
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Scope of delivery and accessories

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|--------------------|------------|
| Scope of delivery: | SFP module |
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Further Instructions

| | |
|------------------------|---|
| Product Documentation: | https://www.doc.hirschmann.com |
| Certificates: | https://www.doc.hirschmann.com/certificates.html |
| Update and Revision: | Revision Number: 0.26 Revision Date: 12-15-2021 |

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