

Part Number: PTN-SFP-CWDM-EX-1511

SFP CWDM - EX - 1511nm for DRAGON-PTN



Product Description

SFP CWDM - EX - 1511nm for DRAGON-PTN

Technical Specifications

Product description

| | |
|-------------------------|---|
| Type: | PTN-SFP-CWDM-EX-1511,SFP CWDM-EX-1511nm |
| Description: | SFP CWDM - EX - 1511nm for Dragon-PTN |
| Part Number: | 942 245-003 |
| Port type and quantity: | 1 x 1000 Mbit/s with LC connector |

Network size - length of cable

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|---|--|
| Single mode fiber (LH) 9/125 μm (long haul transceiver): | 12 - 40 km (Link Budget at 1511 nm = 3 - 18 dB; A = 0.25 dB/km; D = 19 ps/(nm*km)) |
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Power requirements

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| Operating Voltage: | power supply via the node |
| 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

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|---|---|
| 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

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

Approvals

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| 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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Variants

| Item # | Type |
|-----------|---|
| 942245003 | PTN-SFP-CWDM-EX-1511,SFP CWDM-EX-1511nm |

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| Update and Revision: | Revision Number: 0.10 Revision Date: 05-10-2019 |
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