

Part Number: PTN-XFP-SR-850 (multimode)

XFP 850nm - SR (multimode) for DRAGON-PTN



Product Description

XFP 850nm - SR (multimode) for DRAGON-PTN

Technical Specifications

Product description

Type:	PTN-XFP-SR-850, XFP 850nm-SR (multimode)
Part Number:	942 246-001
Port type and quantity:	1 x 10000 Mbit/s with LC connector

Network size - length of cable

Multimode fiber (MM) 50/125 μm :	0 - 300 m (Link Budget at 850 nm = 0 - 2.6 dB; A = 3.0 dB/km; BLP = 2000 MHz*km)
Multimode fiber (MM) 62.5/125 μm :	0 - 33 m (Link Budget at 850 nm = 0 - 2.6 dB; A = 3.2 dB/km; BLP = 200 MHz*km)

Power requirements

Operating Voltage:	power supply via the node
Power consumption:	1 W

Software

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

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

Mechanical construction

Dimensions (WxHxD):	23 mm x 14 mm x 78 mm
Weight:	40 g
Mounting:	XFP slot
Protection class:	IP20

Mechanical stability

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 47CFR Part 15:	FCC 47CFR Part 15, 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

Scope of delivery:	XFP module
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Variants

Item #	Type
942246001	PTN-XFP-SR-850, XFP 850nm-SR (multimode)

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