HIRSCHMANN
A BELDEN BRAND

Product: PTN-SFP-CWDM-EX-1551

SFP CWDM - EX - 1551nm for DRAGON-PTN

Product Description

SFP CWDM - EX - 1551nm for DRAGON-PTN

Technical Specifications

Product description

Type:	PTN-SFP-CWDM-EX-1551,SFP CWDM-EX-1551nm
Description:	SFP CWDM - EX - 1551nm for Dragon-PTN
Part Number:	942 245-005
Port type and quantity:	1 x 1000 Mbit/s with LC connector

Network size - length of cable

Single mode fiber (LH) 9/125 µm (long haul transceiver):	12 - 40 km (Link Budget at 1551 nm = 3 - 18 dB; A = 0.25 dB/km; D = 19 ps/(nm*km))

Power requirements

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

Software

Diagnostics:	Optical input and output power, transceiver temperature

Ambient conditions

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

Mechanical construction

Weight:	40 g
Mounting:	SFP 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 CFR47 Part 15:	FCC 47CFR Part 15, Class B

Approvals

Safety of information technology equipment:	EN60950

Scope of delivery and accessories

Scope of delivery:	SFP module

Variants

Item #	Type
942245005	PTN-SFP-CWDM-EX-1551,SFP CWDM-EX-1551nm

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