

AT-1102

10G/1G INDUSTRIAL (DIN RAIL MOUNTING) SFP+ TO SFP+ OEO CONVERTER



PRODUCT OVERVIEW:

Industrial 10G OEO Converter is a connection between fiber to fiber 10Gbps equipment function as fiber media converter, or as fiber repeater for long distance transmission in harsh environment at operating temperature -40~75°C.

It is for network backbone (SAN, LAN, and MAN) application. Support SDH/SONET STM-64/OC-192, 10G fiber channel, 10G Ethernet, which can be applied in R&D laboratory, data center, and telecommunication room. It supports optical wavelength conversion 1310nm/1550nm/CWDM/DWDM with Loop-back.

Features

- Transparent Transport and very low delay
- 3R function (Regeneration, Reshaping, Re-timing)
- Support hot plugging, full state led display, easy installation
- Support ITUT prescribed DWDM/CWDM wavelength, and can also display it's DDM function
- Support Loop-back and Jumbo Frame

DIP SWITCH

DIP Bit Number	Switch Status	Function Deion's
1	ON OFF	1.25~8.5G 10.3G or 14.025G
2	ON OFF	<u>Reserved</u> Reserved
3	ON OFF	<u>Reserved</u> Reserved
4	ON OFF	<u>Reserved</u> Reserved

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PROTOCOLS

8.5G Fiber Channel
SONET OC-192, SDH STM-64 (9.95Gbps)
10G WAN (10Gbps)
10G LAN (10.31Gbps)
OTN OTU-2 (G.709) (10.70Gbps)
10G LAN with 255/237 FEC coding (11.09Gbps)
10G Fiber Channel (11.32Gbps)

TRANSMISSION DISTANCE

SFP+ module: up to 120km

Maximum Packet Forwarding Rate

14,880,950/S

LED Instructions

PWR, SPD, LOS1, LOL2, LOS2, LOL2

Transmission Speed

8.5Gb/s-11.7Gb/s

Interface Type

Type A: XFP to XFP
Type B: XFP to SFP+
Type C: SFP+ to XFP
Type D: SFP+ to SFP+

Power Requirement

Standalone: DC12V~48V
Power consumption: ≤4W

Work Environment

Operating Temp: -40~ 75°C
Storage Temp: -40~ 85°C
Humidity: 5%~90% (non-condensing)

Dimension

Standalone: 110(L)*96.5(W)*35(H)mm

ORDERING INFORMATION: -

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