Features

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for SFP+ fiber module
- Support Loopback test function
- Economic In-band Management function
- Powerful Network Management function (Web, SNP, Console)
- Support hot plugging
- Support 2U Rack (16 channel) and standalone use
- Full State Led display
- Easy installation
- UTP cable length detection (only RJ45 interface)

Main Applications

- Connection between fiber to copper 10Gbps Ethernet equipment function as fiber-to-copper media converter for long distance transmission
- Media converter for network backbone (SAN, LAN, MAN)
- Can be applied in telecommunication room, R&D laboratory, data center, or network uses.

Product Description

This is a media converter card that converts a 10GBase copper RJ-45 to SFP+. The open SFPP port allows users to customize between the SR, LR, CWDM, DWDM, bidirectional, or etc. connections. This media converter provides a cost-effective conversion from 10GBase copper RJ-45 to SFP+, while extending the network reach beyond the 100m reach limitation of copper. This device can be managed if used in our managed rack system or unmanaged with our unmanaged rack system or standalone chassis enclosure. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade needs.

Specifications

Parameter	10G Media Converter Card
Transmission Speed	10Gb/s
Protocols	IEEE 802.3an (10Gbase-T), IEEE 802.3ae (10Gbase-SR/LR/ER/ZR)
Access Type	10G LAN
Interface Type	Type: RJ-45 to/from SFP+
Support Distance	SFP+ module: up to 80km 10Gbase-T: 100m Cat 6a cable
Maximum Packet Forwarding Rate	14,880,950/S
Network management information	- Card type information - SFP+ fiber module detection - SFP+ fiber module DMI function (Temperature, Voltage, Optical power) - Link Status detector - Enable/Disabled Loopback test function - UTP cable length detection (only RJ-45 interface) - Remote card's status monitor (only in pairs)
Power requirement	Rack-mountable: AC 85~220V or DC -48V Standalone: AC 220V or DC -48V Power consumption: ≤9W
Work Environment	Operating Temperature: 0~50°C Storage Temperature: -10~70°C Humidity: 5%~90% (non-condensing)
Dimension	Card: 11.5mm (W) x 78 (D) Standalone: 156mm (W) x 128mm (D) x 32mm (H)

Contact Information

Founded in 1999, AddOn Networks is North America's leading provider of transceivers and high speed cabling. With a reputation for high quality products as well as an extensive custom design portfolio, AddOn has the connectivity solution regardless of the requirement.

At AddOn, 100% of the products we ship every day are tested in the specific application for which they are intended–never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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