

ADD-MCCTSFP

10/100/1000Base-TX(RJ-45) with Open SFP Slot Media Converter Card for our rack or Standalone Systems

Features

- Supports Fast Ethernet or Gigabit Ethernet
- Auto-Cross over for MDI/MDIX in TP Port
- Auto-Negotiation or manual mode in TP port
- Supports flow control Enable or Disable
- Supports Jumbo Frame 16K Packet
- Ingress/Egress bandwidth control
- Supports in-band IEEE802.3ah management
- Firmware upgrade via Web (Centralized Management Only)
- Dying Gasp (Remote power failure detection on standalone)
- Supports Link Fault Pass-Through (LFPT) Function
- Supports Auto Laser Shutdown (ALS) Function (Centralized Management Only)
- Supports SNMP, Web Management



Product Description

This is a media converter card that converts a 10/100/1000Base-TX(RJ-45) to SFP. The open SFP port allows users to customize between the SX, LX, CWDM, bidirectional, or etc. connections. This media converter provides a cost effective conversion from 10/100/1000Base-TX(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	Specifications
Copper Port	1x10/100/1000Base-T, RJ-45 Ports, 1x1000Base, X SFP/SC
Port Mode (Tx)	Auto-Negotiation Speed Full-Duplex/Half-Duplex Mode Auto MDI/MDI-X Connection
Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 1000BaseT(X) and 100Base-FX IEEE 802.3ab for 1000BaseT(X) IEEE 802.3z for 1000BaseSX/LX/LHX/ZX IEEE 802.3x for Flow Control
Maximum Packet Length	2046 Bytes
Forward Filter Rate	14,880pps(10Mbps) 148,800pps(100Mbps) 1,488,000pps(1000Mbps)
Transmission Mode	Store and Forward (Full-Duplex/ Half-Duplex Mode) Cut Through
RJ-45 Port Transmission Distance	100m (Using Standard CAT5/CAT5e Cable)
Physical Characteristics	
Housing	Metal Case
IP Rating	IP30
Dimensions	120mm x 90mm x 22mm (L x W x H)
Installation	Desktop
Weight	150g
Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Humidity	5-90% (Non-Condensing)
Heat Dissipation	34 BTU/h
Cooling	Passive Cooling, Fanless Design
Noise Level	0dBA
Power Input	5V 0.5A

LED Indicators

LED	State	Indications
DUP	On	Full-Duplex
	Off	Half-Duplex
1000M	On	1000M Running
	Off	100M or 10M Running
100M	On	100M Running
	Off	100M or 10M Running
TPLINK	On	TX Link Connected
	Flash	TX Signal Transmission
FXLINK	On	FX Link Connected
	Flash	FX Signal Transmission
LFP	On	LFP Enable
	Off	LFP Enable
PWR	On	Normal
	Off	Abnormal

DIP Switch

DIP Switch	Name	Status	Description
#3	PoE Shutdown	On	Cut Through Mode
		Off	Store and Forward
#4	LFP	On	LFP Disable
		Off	LFP Enable

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



U.S. Headquarters

Email: sales@addonnetworks.com

Telephone: +1 877.292.1701

Fax: 949.266.9273

Europe Headquarters

Email: salessupportemea@addonnetworks.com

Telephone: +44 1285 842070