MEDIA CONVERTER

Card Media Converter, 10/100Mbps WDM with LFP Management
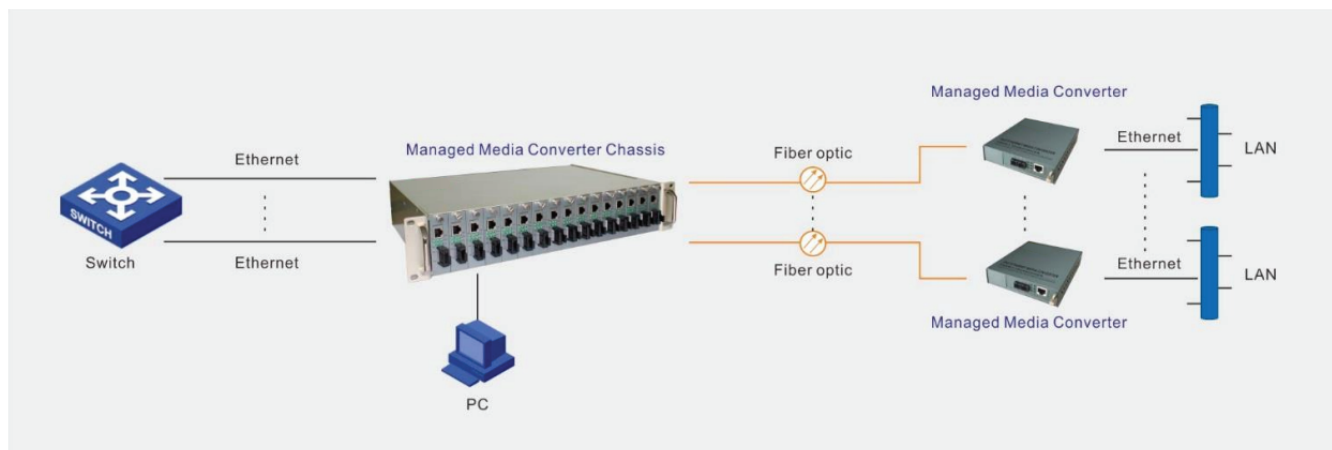
FOCOMM

FEATURE

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3x auto-negotiation

- Extends distances ranging from 2km (multi-mode fiber) to 120km (single mode fiber)

- Supporting Hot Pluggable

- Optional 19" System Chassis holds up to 16 Media Converters

- Auto-negotiation of duplex(HDX/FDX) on RJ-45 port

- Auto MDI/MDI-X support on RJ-45 port

- Max. 2046 bytes packet at store-and-forward mode; Max. 9K bytes packet at
  cut-through mode

- Rate Limit function, 32Kbps

- Supporting Loopback, precisely locating the failure, convenient for link test

- Supporting LFP, quickly locates the failure

- Supporting remote power off alarming

- Economical management function within bandwidth

- Supporting Remote management

- Easy installation with complete LED indicators for working situation

- With powerful network management function, supporting WEB and SNMP

OVERVIEW

FOCOMM The MCC-MFWXX-LFP-XX Series is designed to make conversion between 100Base-FX to 10/100Base-TX Fast Ethernet. With SNMP agent and web-based management, the network administrator can logon the converter to monitor, configure and control the activity of each port. In addition, the converter implements bandwidth rating management capability via the intelligent software. The overall network management is enhanced, and the network efficiency is also improved to accommodate and deliver high bandwidth applications. The converter is completely transparent when connected so the network performs exactly the way it did before - only now, it allows the co-existence of both copper and fiber mediums. Added flexibility is available with ST, SC, FC and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 120km connectivity per transmitted segment.

APPLICATION

ISO 9001 ISO 14001 FC CE

SPECIFICATION

Interface

- 1 x Ethernet port (RJ45) 10/100Base-Tx
- 1 x Optical port (1x9) 100Base-Fx

Optical Port

- Available for 1310nm and 1550nm Single mode, and 1310nm Multi mode;
- Transfer Distance: up to 120km;
- Connectors: SC/PC, ST/PC, FC/PC optional
- Fiber core: 8.3um, 8.7um, 9um and10um on single mode fiber, 50, 62.5 and 100um on multi-mode fiber

Ethernet Port

- Available speed: force 10 Mbps, force 100 Mbps and autodetective 10/100Mbps Full-Duplex and Half-Duplex autonegotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection autosensing

Standard

- IEEE802.3 (10Base-T)
- IEEE802.3u (100Base-TX/FX)
- IEEE802.3x (Flow control)
- SNMP v1/v2c(Simple Network Management Protocol)

LED Indicators

- Power Status, Speed Status, FX Link/Act, TX Link/Act

Environmental Limits

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% RH (non-condensing)
- Storage Humidity: 5% to 90% RH (non-condensing)

Agency Approvals

- FCC Part 15 of Class A & CE approved, RoHS Compliant.

Warranty

- 3 years

ORDER INFOMATION

PRODUCT	PART NUMBER
Card Media Converter Management,10/100 WDM,1310nm Tx, 1550nm Rx, 25Km	MCC-MFW13-LFP-25
Card Media Converter Management,10/100 WDM,1550nm Tx, 1310nm Rx, 25Km	MCC-MFW15-LFP-25
Card Media Converter Management, 10/100 WDM,1310nm Tx, 1550nm Rx, 40Km	MCC-MFW13-LFP-40
Card Media Converter Management, 10/100 WDM,1550nm Tx, 1310nm Rx, 40Km	MCC-MFW15-LFP-40
Card Media Converter Management, 10/100 WDM,1310nm Tx, 1550nm Rx, 80Km	MCC-MFW13-LFP-80
Card Media Converter Management, 10/100 WDM,1550nm Tx, 1310nm Rx, 80Km	MCC-MFW15-LFP-80