

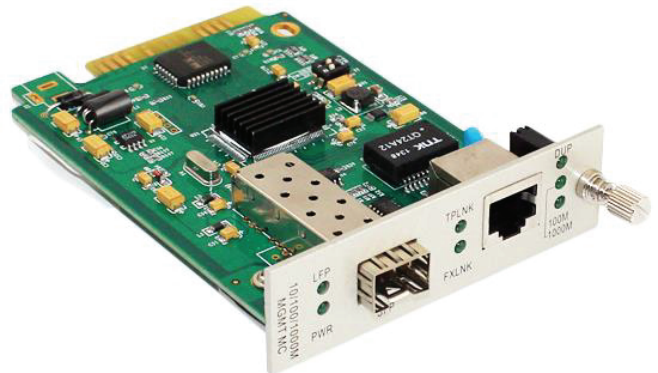
# MEDIA CONVERTER

Card Media Converter, 10/100/1000Base-Tx to GE SFP with Managed.



## FEATURE

- Extends distances ranging from 0.5km (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
- Max. 2046 bytes packet at store-and-forward mode; Max. 9K bytes packet at cut-through mode
- Rate Limit function, 64Kbps
- 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

The MCC-1000-SFP is designed to make conversion between SFP to 10/100/1000Base-TX Gigabit 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. Extra distances are possible with the single mode version delivering up to 120km connectivity per transmitted segment.

## SPECIFICATION

### Interface

- 1 x Ethernet port (RJ45) 10/100/1000Base-Tx
- 1 x Optical port (SFP) 1000Base-Fx

### Optical Port

- Available for 1310nm and 1550nm Single mode, and 850nm Multi mode;
- Transfer Distance: up to 120km;
- Connectors: SFP
- Fiber core: 9/125μm on single-mode fiber; 50/125μm and 62.5/125μm on multi-mode fiber

### Ethernet Port

- Available speed: force 10Mbps, force 100Mbps, force 1000Mbps and auto-detective 10/100/1000Mbps Full-Duplex and Half-Duplex auto-negotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection autosensing

### LED Indicators

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

### Standard

- IEEE802.3 (10Base-T)
- IEEE802.3u (100Base-TX/FX)
- IEEE802.3ab (1000Base-T)
- IEEE802.3z (1000Base-SX/LX/CX/T)
- IEEE802.3x (Flow control)
- SNMP v1/v2c (Simple Network Management Protocol)

### 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

### Warranty

- 3 years

## ORDER INFORMATION

PRODUCT	PART NUMBER
Card Media Converter, 10/100/1000Base-Tx to GE SFP, with Managed, Card-type	MCC-1000-SFP

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