

# Product Specifications

## SFP to SFP Fiber Media Converter

### KEY FEATURES:

- Converts between Fiber types and/or data rates
- Includes a 10/100/1000 RJ-45 port for Fiber to Copper conversion
- DIP Switch configuration for Link Fault Signaling
- Limited Lifetime Warranty



### ORDERING INFORMATION:

PART NO.	DESCRIPTION
MC10010	SFP to SFP Fiber Media Converter with 10/100/1000 Port

### SPECIFICATIONS

#### Applicable Standards

IEEE 802.3 10BaseT, 100BaseTX, 1000BaseT  
 IEEE 802.3z 1000BaseSX/LX  
 IEEE 802.3u 100BaseFX/LX (when used with Signamax 100BaseFX/LX SFP for GE Port Modules)  
 IEEE 802.3x Flow Control

#### Ports

2 - 1000Base-X SFP ports  
 1 - RJ-45 10/100/1000BaseT/TX Auto-Negotiation, Auto-MDI/MDIX port

#### Performance

Supports 9K Jumbo Frames  
 256Kb Packet Buffer  
 Wirespeed forwarding  
**Latency:** < 1.3  $\mu$ s (FIFO)  
**Switching Capacity:** 4Gbps  
**Forwarding Rate:** 2.98Mpps

#### Electrical Characteristics

**DC Input Power:** 5V DC Exrtmal 100 - 240 VAC 50/60 Hz Power Supply Included  
**Max Power Consumption:** 10W

#### Environmental Requirements

**Operating Temperature:** 32°F to 113°F (0°C to 45°C)  
**Storage Temperature:** -40°F to 185°F (-40°C to 85°C)  
**Operating Humidity:** 10% to 90% (non-condensing)  
**MTBF:** 701K Hours

#### Physical Characteristics

**Case Dimensions:** 4.02" L x 2.91" W x 0.87"H (102 mm x 74 mm x 22 mm)  
**Housing:** Metal Case  
**Weight:** 0.53 lb ( 0.24 kg)

#### Certifications

CE, FCC, ROHS, VCCI Class A

#### Warranty

Limited Lifetime