

## 10/100Mbps Single Fiber Converter



### Features:

- All Converters comply with IEEE 802.3 & 802.3u Fast Ethernet Standards
- LED Indication: FX-100, FX-Link/Act, TX-100, TX-Link/Act, FDX, PWR
- Provide RJ-45 twisted pair 10/100Mbps Ethernet port and one 100BASE-Fx port
- 100BASE-Tx port 10M/100M and full/half duplex auto-negotiation
- Voltage supervisor
- External or Internal power supply
- Wavelength 850nm .1310nm. 1550nm selectable
- Metal Case

### Description:

MC-0110-3SXXBXX Series is a 2 wavelength WDM converter designed to fit into the fast growing optical fiber network deployment. This stand-alone converter adapts the emerging WDM technology and able to expand a copper based network up to 80KM through a single optical fiber and provide Bi-Directional. User now may double their existing optical fiber bandwidth and upgrade their existing 100Base-TX or even 10Base-T network easily and more cost effectively.

MC-0110-3SXXBXX Series is fully compliant with IEEE802.3&802.3u standards. The Installation & operation procedures of the MC-0110-3SXXBXX Series are simple & straightforward. User can monitor the real time status of the MC-0110-3SXXBXX Series through a set of diagnostic LEDs located in the front panel.

### Specification:

#### Standard

IEEE 802.3 10Base-T  
IEEE 802.3u 100Base-TX &  
100Base-FX

#### Interface

10/100Base-T: 1X RJ45 connector  
100Base-FX: 1X SC simplex  
connector

#### Switching Method

Store and forward

#### Data Transfer Rate

200 Mbps-Full duplex

#### MAC table

1K Entries

#### Filtering Rate

Flit. Rate - Ethernet: 14,880 pps  
Flit. Rate - Fast Ethernet: 148,800 pps

#### Power

Ext. Power Supply, DC 5V, 1A  
Power consumption: 5W

#### Typical Operation & Storage Temperature

Operation: 0° ~ 70°C

Storage Temperature: -40° ~ 85°C

Humidity: 5% ~ 90% non-condensing

#### Dimension and Weight

Size: 70 x 94 x 27 mm (W x D x H)

Shipping Weight: 0.6KG

#### Emission/Safety

FCC Class A, CE

\* For further reports, please contact us for  
update.