



FMC-10/100

10/100Base-TX to 100Base-FX Media Converter

The FMC-10/100 family are Fast Ethernet 10/100Base-TX to 100Base-FX non-managed stand-alone media converters, which give you the options to choose from the most popular fiber cabling connectors, ST, SC or FC. Both multi-mode and single mode converter models are available as well as BiDi which allows bi-directional transmissions using only a single fiber cable. Auto-negotiation will automatically tailor to convert both half-duplex and full-duplex signals, according to IEEE802.3u standards. LED indicators signal the power status of the converter, UTP port speed, Link, and duplex status, FX port Link and duplex status.

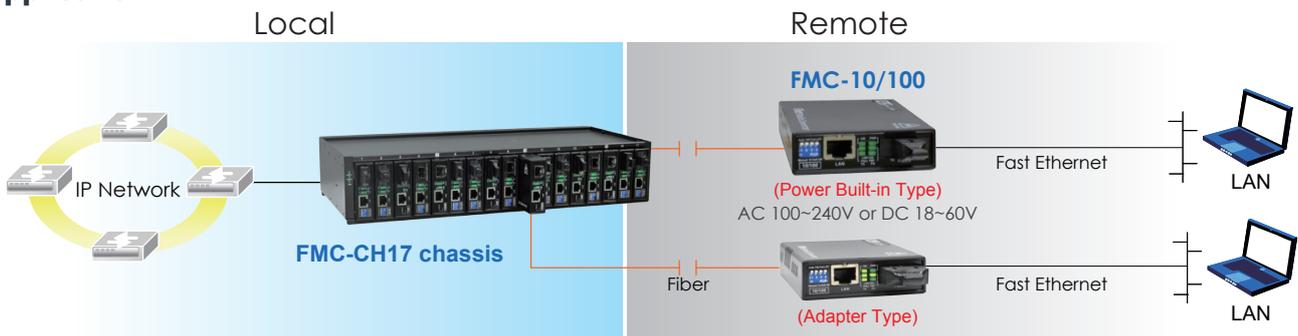
Features

- 10/100Base-TX to 100Base-FX Converter
- Auto-Negotiation or forced mode
- Auto MDI/MDIX
- Forward 1600 bytes (Max.) packets
- Supports flow control (Pause)
- Supports Link Fault Pass-Through (LFPT)
- Supports Far End Fault Indication (FEFI)
- Forward 9K jumbo packets in converter mode (100M/Full)
- Concentrated into FMC-CH17 chassis (FMC-10/100 Adapter type only)

Specifications

| | | | | | |
|-----------------------------|-------------|--|----------------------|--|---|
| Optical Interface | Connector | 1x9 (SC, ST, FC) | Standards | IEEE 802.3, IEEE 802.3u | |
| | Data rate | 125Mbps | | Indications | LED (Power, FX Link, TX SPD, TX Link, TX Duplex, FEF) |
| | Duplex mode | Full duplex | | | Power Input |
| | Fiber | MM 50/125µm, 62.5/125µm SM 9/125µm | | Power Consumption | |
| | Distance | MM 2km, SM 15/30km WDM 20/40km | | | Dimensions (D x W x H) |
| | Wavelength | MM 1310nm, SM 1310, 1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B) | | Weight | |
| Electrical Interface | Connector | RJ-45 | Temperature | 0 ~ 50°C (Operating), -10 ~ 70°C (Storage) | |
| | Data rate | 10Mbps, 100Mbps | Humidity | 10 ~ 90% non-condensing | |
| | Duplex mode | Half / Full duplex | Certification | CE, FCC | |
| | Cable | 10Base-T Cat.3, 4, 5, cat.6 100Base-TX Cat.5, 5e or cat.6 | MTBF | 65,000 hrs | |

Application



Ordering Information

| Model Name | Description |
|----------------|--|
| FMC-10/100 | 10/100Base-TX to 100Base-FX Non-Managed Media Converter Adapter Type |
| FMC-10/100-AC | 10/100Base-TX to 100Base-FX Non-Managed Media Converter with AC Power |
| FMC-10/100-DC | 10/100Base-TX to 100Base-FX Non-Managed Media Converter with DC Power |
| Connector Type | Connectivity Distance |
| SC, ST, FC | 002: 2km 015: 15km 030: 30km 20A: WDM 20km A type 20B: WDM 20km B type 40A: WDM 40km A type 40B: WDM 40km B type 80A: WDM 80km A type 80B: WDM 80km B type 120A: WDM 120km A type 120B: WDM 120km B type |

Power Type
FMC - 10/100 - □□
 Example: FMC - 10/100 - AC