

FMC-10/100

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



NEW

4
Fast ethernet
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. When auto-negotiation is selected, these units will automatically tailor themselves 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. The stand-alone adapter type converter may also be concentrated into FMC-CH17 chassis.

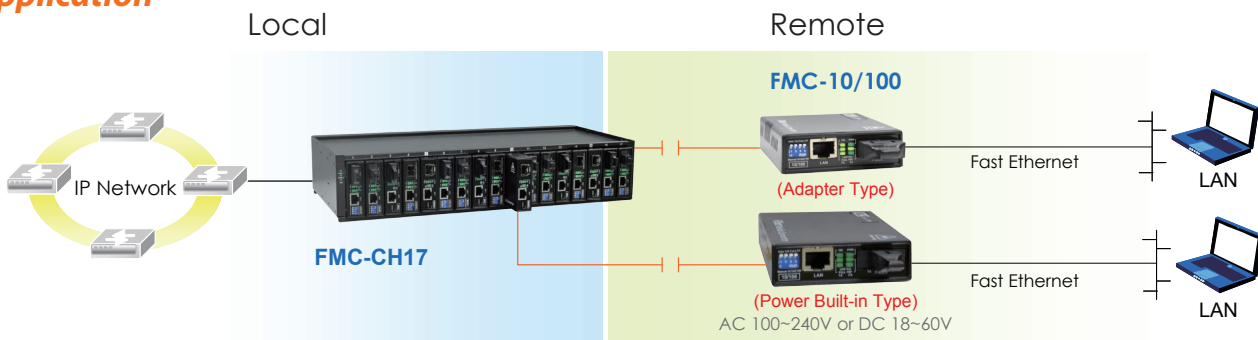
Features

- 10/100Base-TX to 100Base-FX Converter
- Auto-Negotiation or forced mode
- Auto MDI/MDIX
- Forward 1600 bytes (Max.) packets
- Supports IEEE 802.1Q Tag VLAN pass thru
- Supports Q in Q double tagged frame transparent
- 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)

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	Adapter Type : 120g Power Built-in Type : 140g		
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, RoHS compliant	
	Cable	10Base-T Cat.3, 4, 5, UTP 100Base-TX Cat.5, 5e or higher	MTBF	65,000 hrs	

Application



Ordering Information

Model Name	Description
FMC-10/100	10/100Base-TX to 100Base-FX Fast Ethernet media converter Adapter Type
FMC-10/100-AC, DC	10/100Base-TX to 100Base-FX Fast Ethernet media converter with AC or DC Power
FMC-10/100-WM	10/100Base-TX to 100Base-FX Fast Ethernet media converter Adapter Type with Wall Mount Kits
FMC-10/100-WM-AC, DC	10/100Base-TX to 100Base-FX Fast Ethernet media converter with AC or DC Power and Wall Mount Kits
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



Wall-Mount Type

Non Wall-Mount Type

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