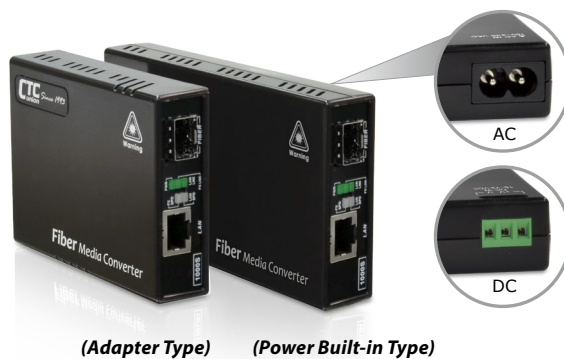


FMC-1000S

10/100/1000Base-TX to 1000Base-X Gigabit Ethernet Media Converter



The FMC-1000S family are Gigabit Ethernet 10/100/1000Base-T to 1000Base-X non-managed stand-alone media converters, which give you the fiber cabling connectors, LC with SFP module. 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 default setting, these units will automatically tailor themselves to convert full-duplex signals, according to IEEE802.3u standards. LED indicators signal the power status of the converter, UTP port speed and Link status FX port speed and Link status. The stand-alone converter may also be concentrated into FMC-CH17 non-managed chassis.

Features

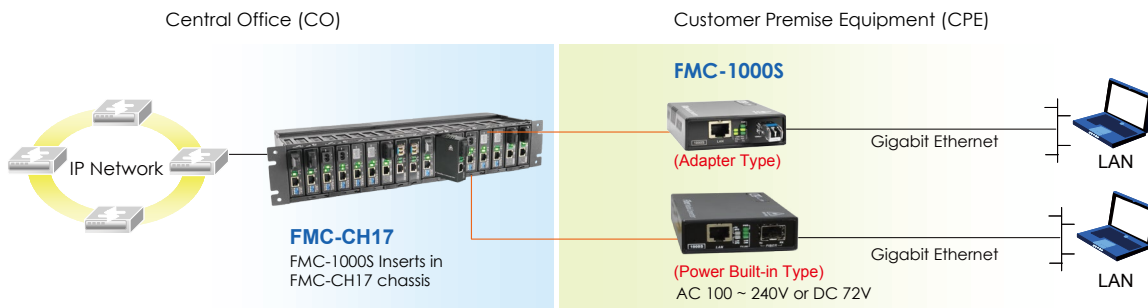
- 10/100/1000Base-T to 1000Base-X Converter
- Auto-Negotiation(default setting)
- Auto MDI/MDIX
- Forward 2048 bytes (Max.) packets
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1q Tag VLAN pass thru

Specifications

Optical Interface	Connector	SFP LC
	Data rate	1250Mbps
	Duplex mode	Full duplex
	Fiber	MM 50/125μm, 62.5/125μm SM 9/125μm
	Distance	MM 2km, SM 15/30km WDM 20/40km
	Wavelength	MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (type A) 1550Tx/1310Rx (type B)
Electrical Interface	Connector	RJ-45
	Data rate	10Mbps, 100Mbps, 1000Mbps
	Duplex mode	Full duplex
	Cable	10Base-T Cat.3, 4, 5, UTP 100Base-TX Cat.5, 5e or higher

Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
Indications	LED (Power, FX Link, FX SPD, TX SPD, TX Link)
Power Input	Adapter Type: DC 12V In Power Built-in Type: AC 100 ~ 240V Power Built-in Type: DC 18 ~ 72V
Power Consumption	< 4W
Dimensions (D x W x H)	Adapter Type: 108 x 73.4 x 23mm Power built-in Type: 135 x 73.4 x 23mm
Weight	Adapter type: 120g Power Built-in Type: 140g
Temperature	0 ~ 60°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, LVD, RoHS
MTBF	65,000 hrs

Chassis Overview



Ordering Information

Model Name	Description
FMC-1000S	10/100/1000Base-T to 1000Base-X media converter Adapter Type
FMC-1000S-AC	10/100/1000Base-T to 1000Base-X media converter w/AC Power
FMC-1000S-DC	10/100/1000Base-T to 1000Base-X media converter w/DC Power

Power Type
FMC - 1000S -
 Example: FMC - 1000S - AC