



FMC-1000S

10/100/1000Base-T to 1000Base-X SFP 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. Pluggable SFP are available in both multi-mode and single mode types as well as BiDi which allows bi-directional transmissions using only a single fiber cable. Auto-negotiation will automatically tailor 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.

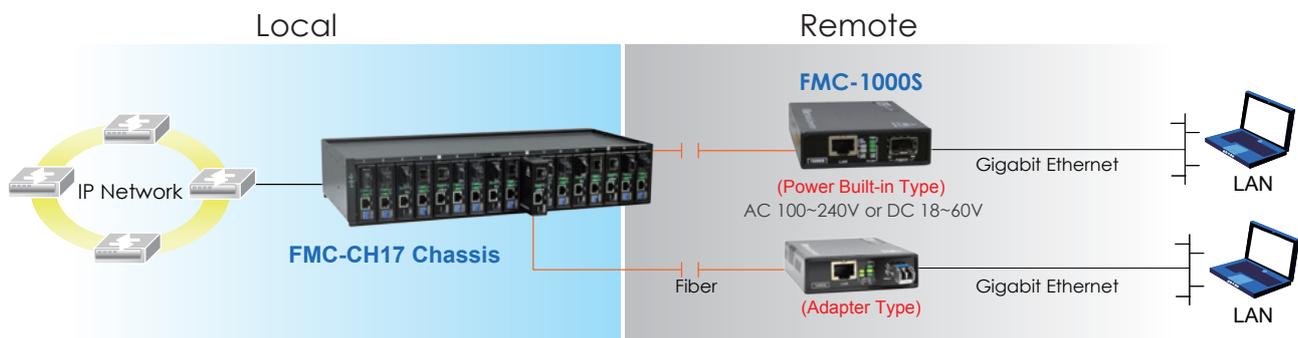
Feature

- 10/100/1000Base-T to 1000Base-X Converter
- Auto-Negotiation
- Auto MDI/MDIX
- Forward 2048 bytes (Max.) packets
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru
- Concentrated into FMC-CH17 chassis (FMC-1000S Adapter type only)

Specifications

Optical Interface	Connector	SFP LC	Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab	
	Data rate	1.25G		Indications	LED (Power, FX Link, FX SPD, TX SPD, TX Link)
	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, 1000Mbps		Humidity	10 ~ 90% non-condensing
	Duplex mode	Full duplex	Certification		CE, FCC
	Cable	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher		MTBF	65,000 hrs

Application



Ordering Information

Model Name	Description
FMC-1000S	10/100/1000Base-T to 1000Base-X SFP Non-managed Media Converter Adapter Type
FMC-1000S-AC,DC	10/100/1000Base-T to 1000Base-X SFP Non-managed Media Converter with AC or DC Power Built-in Type

Power Type
FMC - 1000S - □□
 Example: FMC - 1000S - DC