



## FMC-1000S

### 10/100/1000Base-T to 1000Base-X SFP 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. 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.

### Features

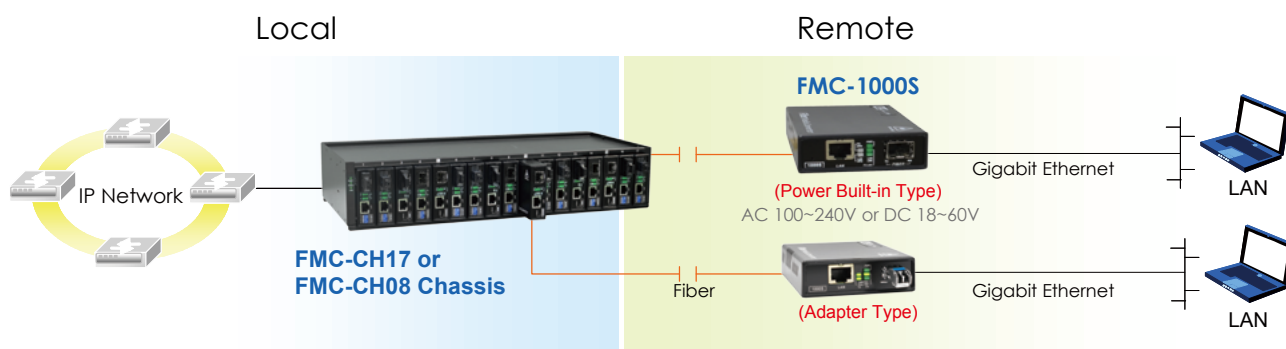
- 10/100/1000Base-T to 1000Base-X Converter
- Auto-Negotiation
- Auto MDI/MDIX
- Forward 2048 bytes (Max.) packets
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru
- Concentrated into FMC-CH17 or FMC-CH08 chassis (FMC-1000S Adapter type only)

### Specifications

Optical Interface	Connector	SFP LC
	Data rate	1.25G
	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	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher

<b>Standards</b>	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
<b>Indications</b>	LED (Power, FX Link, FX SPD, TX SPD, TX Link)
<b>Power Input</b>	Adapter Type: DC 12V Power Built-in Type : AC 100 ~ 240V Power Built-in Type: DC 18 ~ 60V
<b>Power Consumption</b>	< 3W
<b>Dimensions (D x W x H)</b>	Adapter Type: 108 x 73.4 x 23mm Power Built-in Type : 135 x 73.4 x 23mm
<b>Weight</b>	Adapter Type : 120g Power Built-in Type : 140g
<b>Temperature</b>	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
<b>Humidity</b>	10 ~ 90% non-condensing
<b>Certification</b>	CE, FCC, RoHS compliant
<b>MTBF</b>	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

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

