

# Unmanaged Platform

## Unmanaged Fast Ethernet to Fiber Media converter

### FMC-1000E, 1000ES



The FMC-1000E is a stand-alone optical fiber media converter for 10/100/1000Base-T to 1000Base-SX/LX that also provides auto-negotiation and Link Fault Pass-Through. When auto-negotiation is selected, these units will automatically tailor themselves to convert both half-duplex and full-duplex signals, depending on your specific network needs. The FMC-1000E converter may be placed in the unmanaged rack (FMC-CH08) as a slide-in-converter or used as a stand-alone converter (FMC series).

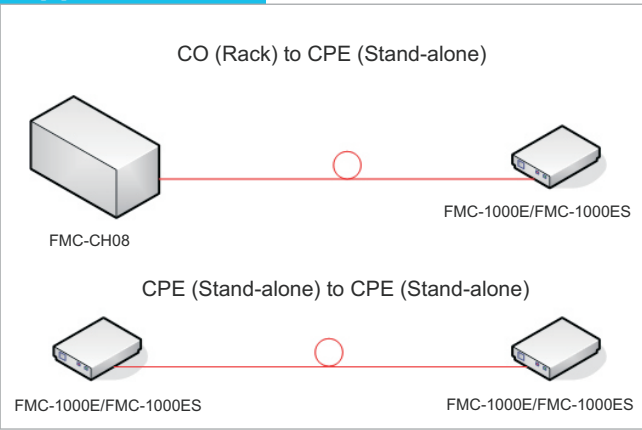
#### Features

- 10/100/1000Base-T to 1000Base-FX
- Auto-negotiation or forced mode
- Auto MDI/MDIX
- Forward 1632 bytes (Max.) packets
- Supports Flow control (Pause)
- Supports Link Fault Pass through (LFP) function

#### Specifications

Ports	Connector : 1x9 (SC, ST, FC), SFP LC
Optical Interface :	Data rate : 1000Mbps
	Duplex mode : Full duplex
	Cable type : MM 62.2/125µm, 50/125µm. SM 9/125µm
Electrical Interface :	Distance: MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
	Wavelength: 850, 1310, 1550nm
	Connector : RJ45
	Data rate : 10Mbps, 100Mbps, 1000Mbps
	Duplex mode : Half / Full duplex
	Cable type : 10Base-T Cat.3, 4, 5, UTP, 100Base-TX Cat.5, 5e, 1000Base-T Cat. 5e or higher
	Cable length: 100 meters
Standard	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z
LEDs	Power, FX-Link, TX-Link, TX-SPD, TX-Duplex, LFP
Power	DC In 12V
Power Consumption	< 5W
Dimensions (D x W x H)mm	108 x 74 x 23mm
Weight	120g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, LVD, RoHS
MTBF	65,000 h (25°C)

#### Application



#### Ordering Information

- **FMC-1000E** Unmanaged Gigabit Ethernet 10/100/1000Base-T to 1000Base-FX
- **FMC-1000ES** Unmanaged Gigabit Ethernet 10/100/1000Base-T to 1000Base-SX/LX SFP