

Unmanaged Platform FMC-1000E/1000ES



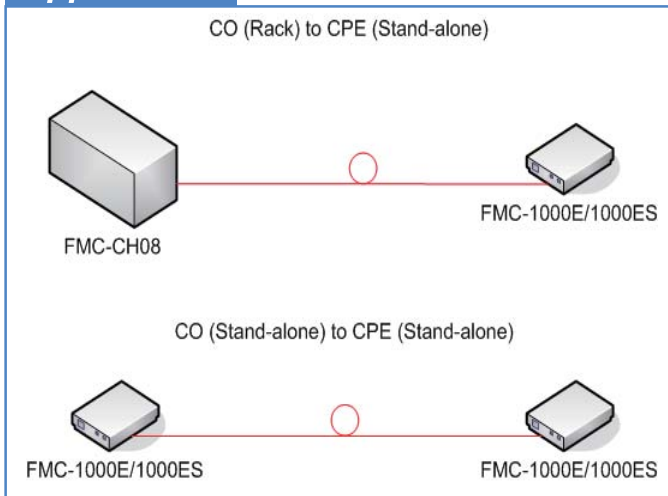
Unmanaged Gigabit Ethernet Media Converter

The FMC-1000E is a standalone 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 standalone converter (FMC series).

Features

- Auto-Cross over for MDI/MDIX in TP port
- Auto-Negotiation or Manual mode (10M, 100M & 1000M) in TP port
- Supports link fault pass through (LFP) function
- Maximum packet size: 1632 Bytes

Application



Ordering Information

- **FMC-1000E** Unmanaged, 10/100/1000Base-T to 1000-Base SX/LX media converter
- **FMC-1000ES** Unmanaged, 10/100/1000Base-T to 1000-Base SX/LX media converter with SFP-LC slot

Specifications

LAN Interface Specification

- One RJ-45 female connector for straight or cross-over connection.
- Supports 10/100/1000Base-TX, n-way (Auto-Negotiation).
- Supports Full, Half duplex, 10/100/1000 speed force mode selections.
- Transmission Packet Rate for 10Base-T: 14880 per second
100Base-TX: 148800 per second ; 1000Base-TX: 1488000 per second
- Copper TP cable 4 pair Cat. 5e or 6 UTP

Optical Interface Specification

- Transceiver Connector type : SC(FMC-1000E) ; SFP-LC(FMC-1000ES)
- Supports Full, Half auto duplex selection, 1000Mbps speed
- Supports auto-receive sensitivity function, no extra attenuators needed.

General Specification

- Standards IEEE802.3 10Base-T,
IEEE802.3u 100Base-TX , 100Base-FX,
IEEE802.3ab 1000Base-TX, 1000Base-FX
- 6 diagnostic LEDs : Power / FX-Link ,TX-Speed / TX-Duplex / TX-Link
- Temperature: 0 - 50° C (Operating);
0 - 70° C (Storage).
- Humidity: 20-80% non-condensing (Operating);
10-90% (Storage).
- Power: DC Jack : Switching adaptor (12V, 400mA)
Consumption: < 4W
- Dimensions: 95mm x 73.4mm x 23mm (LxWxH).
- Weight: 120g.
- Compliance: FCC part 15, Subpart B, Class A,
ANSI C63.4:2003
CE EN55022:2006, Class A
EN55024:1998+A1:2001+A2:2003
LVD: EN60950-1:2001
- MTBF: 65,000 h (25°C)