

Managed Platform

# FRM220-1000EDS

## Managed Slide-in line card converter for FRM220 Series

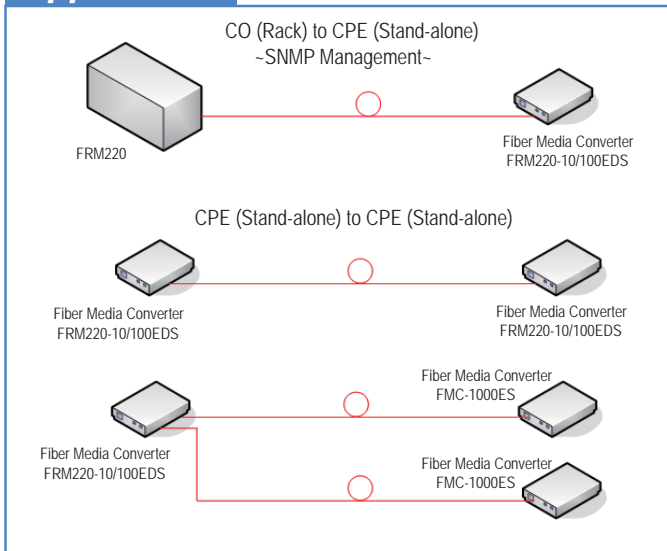
This copper to fiber Gigabit Ethernet solution is designed to make conversion between 10/100/1000Base-TX and 1000Base-FX with SFP-LC connector. With SNMP agent and GUI Web-based management in the FRM220, the Network administrator can monitor, configure and control the activity of each line card in the chassis. This media converter, with its maximum interoperability will enable carriers and service providers to have a clear vision of their network and conveniently manage their demarcation point.



### Features

- Compatible with FRM220 Managed Chassis (up to 38 loops)
- Supports 2 ports 10/100/1000Base-T and 2 ports GbE fiber
- SNMP management compliant
- 10/100/1000Mbps auto-negotiation or forced mode operation on the TP interface
- Fiber Auto-Negotiation
- Supports Flow control function
- Supports Dying Gasp Reporting for power outage
- Supports local monitor & configuration
- Supports port-base VLAN function

### Application



### Ordering Information

- **FRM220-1000EDS** 2 ports 10/100/1000Base-TX to 2 ports 1000-FX with SFP slot switch

### Specifications

#### LAN Interface Specification

- Two RJ-45 female connectors for straight or cross-over connection.
- Supports 2-port 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 : SFP-LC
- Supports 2-port, 1000Mbps SFP slot
- Supports auto-receive sensitivity function, no extra attenuators needed.

#### General Specification

- Standards IEEE 802.3 10Base-T,  
IEEE 802.3u 100Base-TX , 100Base-FX,  
IEEE 802.3ab, 802.3z 1000Base-TX, 1000Base-FX compliant
- 6 diagnostic LEDs : Power / FX-Link ,TX-Speed / TX-Duplex / TX-Link / FEF
- Temperature: 0 - 50° C (Operating);  
0 - 70° C (Storage).
- Humidity: 5-90% non-condensing (Operating);  
10-90% (Storage).
- Power: DC Jack : Switching adaptor (12V, 1A)  
Consumption: < 5W
- Dimensions: 155mm x 88mm 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)