In-band Managed Platform

FRM220-CH20

In-band Managed 20 Slots Media Converter Center

The FRM220-CH20 is a 2U high 19" Rack, 20 slot modular media converter center. The FRM220 provides an economic solution in high density Fiber Converter installations in enterprises or central offices. The Power Modules are designed for redundant power supply operation. All critical components, Power, fans, management module and interface cards are hot swappable allowing online field replacement. The hot-swappable power supply can be chosen from AC100-240V, DC18-36. and DC 36-72V.
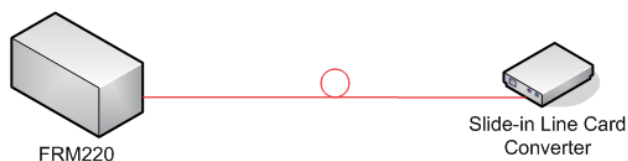
Features

- Supports local or remote monitor
- Supports local or remote configure
- Supports on-Line TFTP line card F/W upgrade (local or remote)
- Two user programmable alarms
- Chassis cascade up to 10 with one IP management
- Display fiber transmission information
- Console, SNMP, web management
- AC/DC power redundant
- Line card hot-swappable
- Whole chassis is consist of passive components
- All the modules are supporting hot-swappable function.
- Supports multiple accesses for SNMP management.
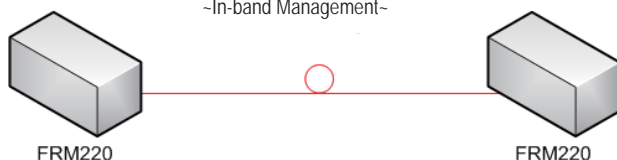- Supports NTP Time Server

Application

CO (Rack) to CPE (Stand-alone)
~In-band Management~

FRM220

Slide-in Line Card Converter

Central side CO (Rack) to Remote side CO (Rack)
~In-band Management~

FRM220

FRM220

Specifications

Temperature:	0 - 50° C (Operating);
	0 - 70° C (Storage).
Humidity:	20-80% non-condensing (Operating);
	10-90% (Storage).
Power: Input:	1+1 Redundancy mode, Hot-swappable
AC Power Module	Input: Universal, 100~240VAC; Freq.: 47~63 Hz
	Power Consumption : 150W
DC Power Module	Input : 36~72 VDC
	Input : 18~-36VDC (option)
	Power Consumption : 150W
Fan:	Removable type for ease maintenance
Dimensions:	438mm x 302.25mm x 88mm (LxWxH).
Compliance:	FCC part 15, Subpart B, Class A,
	ANSI C63.4:2003
	CE EN55022:2006, Class A
	EN55024:1998+A1:2001+A2:2003
	LVD: EN 60 950-1:2001
MTBF:	65,000 h (25°C)

Ordering Information

- **FRM220-CH20** 2U, 19", In-band Managed Rack, host up to 20 slots
- **FRM220-AC** 100 ~ 240 VAC power supply module, IEC connector
- **FRM220-DC24** 18 ~ 36 VDC power supply module, 3 pin terminal block
- **FRM220-DC48** 36 ~ 72 VDC power supply module, 3 pin terminal block
- **FRM220-NMC** Network Managed Card, support console RS-232 port and 10/100Base-T Ethernet port, w/Web, SNMP/MIB file