

FRM220-1000DS

1000Base-X to 1000Base-X SFP media converter

NEW



The FRM220-1000DS is a fiber to fiber optical media converter and repeater that allows data rates up to 1Gbps. FRM220-1000DS supports 2R regeneration, which consists of re-amplification and reshaping. This converter is compatible with fiber interfaces such as 100Mbps Fast Ethernet, 155Mbps STM-1, 4, Fiber Channel 1, 2, and OC3, 12, 24. The FRM220-1000DS works as an FRM220 slide-in card, while the FRM220-1000DS plus FRM220-CH01 work as a stand-alone fiber converter. When the FRM220-1000DS card is placed in the FRM220-CH20 rack with SNMP management, the management can view the converter card's status, type and fiber link status.

Features

- ◆ Transparent fiber media converter / repeater
- ◆ Data rate up to 1G
- ◆ Network management via terminal or SNMP in FRM220 chassis
- ◆ Extend transmission from 2km to 120km over fiber
- ◆ Perform optical repeater function (Re-amplification & Reshaping)
- ◆ Digital diagnostic monitoring of SFP modules

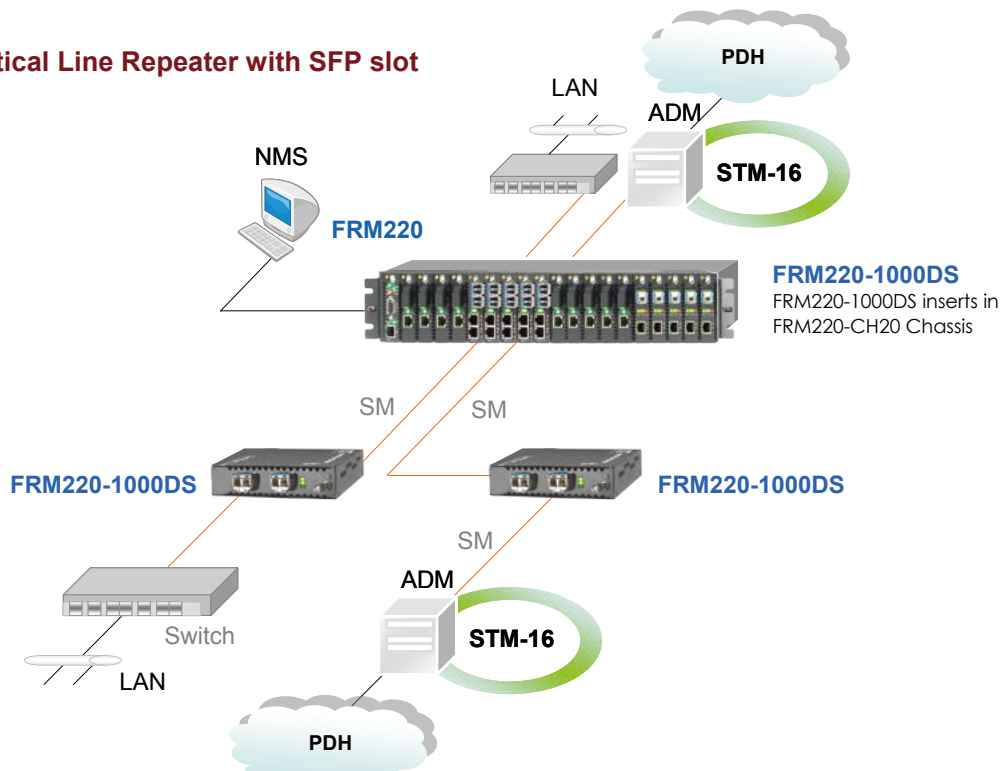
Specifications

Optical Interface	Connector	SFP LC x 2
	Data rate	Up to 1G
Duplex mode	Full duplex	
	Fiber	MM 50/125µm, 62.5/125µm. SM 9/125µm
Distance	MM 550m, 2km, SM 15/30/50/80/120km	
	WDM 20/40/60km	
Wavelength	MM 1310nm, SM 1310,1550nm	
	WDM 1310Tx/1550Rx (type A) 1550Tx/1310Rx (type B)	

Indications	LED (Power, FX-Link1, FX-Link2)
Power Input	Card : 12VDC
	Standalone : AC, DC options
Power Consumption	< 5W
Dimensions	123 x 86 x 20mm (D x W x H)
Weight	130g
Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, LVD, RoHS
MTBF	65,000 hrs (25°C)

Application

Optical Line Repeater with SFP slot



Ordering Information

Model Name	Description
FRM220-1000DS	1000Base-X SFP to 1000Base-X SFP 2R Transponder

Note: The card is suitable for use in CH01 standalone chassis.