

Managed Family

Slide-in card & stand-alone Dual fiber converter / repeater



FRM301-1000DS, FIB1-1000DS

The FRM301-1000DS is a fiber to fiber optical media converter and repeater that allows data rates up to 2.5Gbps. FRM301-1000DS supports 2R regeneration, which consists of re-amplification and reshaping. This converter is compatible with fiber interfaces such as 100Mbps Fast Ethernet, 155Mbps STM1, 4, 16, Fiber Channel 1, 2, and OC3, 12, 24, 48. The FRM301-1000DS works as an FRM301 slide-in card, while the FIB1-1000DS is a stand-alone fiber converter. When the FRM301-1000DS card is placed in the FRM301 rack with SNMP management, the management can view the converter card's status, type and fiber link status.

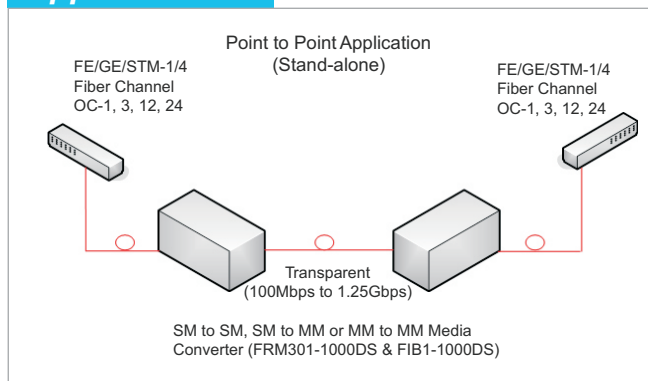
Features

- Transparent fiber media converter / repeater
- Data rate up to 2.5G
- Network management via terminal or SNMP in FRM301-CH chassis
- Extend transmission from 2km to 120km over fiber
- Perform optical repeater function
(Re-amplification & Reshaping)

Specifications

Ports	Connector : SFP LC
Optical Interface :	Data rate : Up to 2.5G
	Duplex mode : Full duplex
Cable type :	MM 62.2/125µm, 50/125µm.
	SM 9/125µm
Distance :	MM 2km, SM 15/30/50/80/120km,
	WDM 20/40/60/80km
Wavelength :	850, 1310, 1550nm,
Standard	IEEE802.3ab, IEEE802.3z
LEDs	Power, FX-Link1, FX-Link2,
Power	DC In 12V
Power Consumption	< 5W
Dimensions (D x W x H)mm	FRM301/FIB1: 123 x 86 x 20mm
Weight	FRM301: 290g, FIB1:340g
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

- **FRM301-1000DS** Slide-in card repeater with SFP slots
- **FIB1-1000DS** Stand-alone repeater with SFP slots