FRM220-DS3/E3

DS3/E3 over Fiber

NEW

The FRM220-DS3/E3 is a copper to DS3 /E3 fiber media converter designed for long-distance transport of DS3/E3 signals. The DS3/E3 supports Small Form Pluggable (SFP) which give you the options to choose from a wide range of standard SFPs in multi-mode and single mode types as well as BiDi which allows bi-directional transmissions using only a single fiber cable. CWDM wavelength SFPs can also be used to increase the bandwidth capacity of the fiber infrastructure. With SNMP and Web-based management in FRM220 chassis, the network administrator can monitor, configure and control the activity of FRM220-E3/D3 card in the chassis locally and a stand-alone device installed at the remote location.
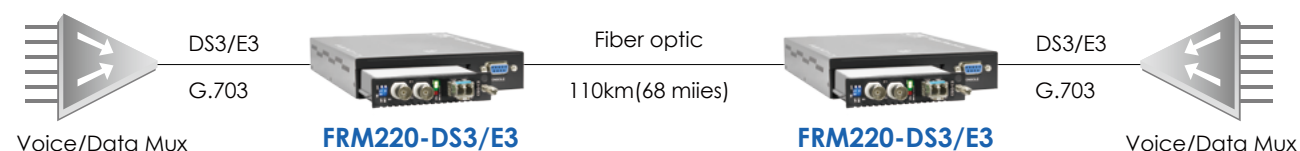
Features

- In-band network Managed via Terminal, web or SNMP in FRM220 chassis
- DS3/E3 Coax (BNC) to Fiber SFP fiber modem
- Supports AIS (Alarm Indication Signal)
- User selectable E3 or DS3 setting
- Electrical and optical Loop back tests
- Standalone RS232 console management via CH01M

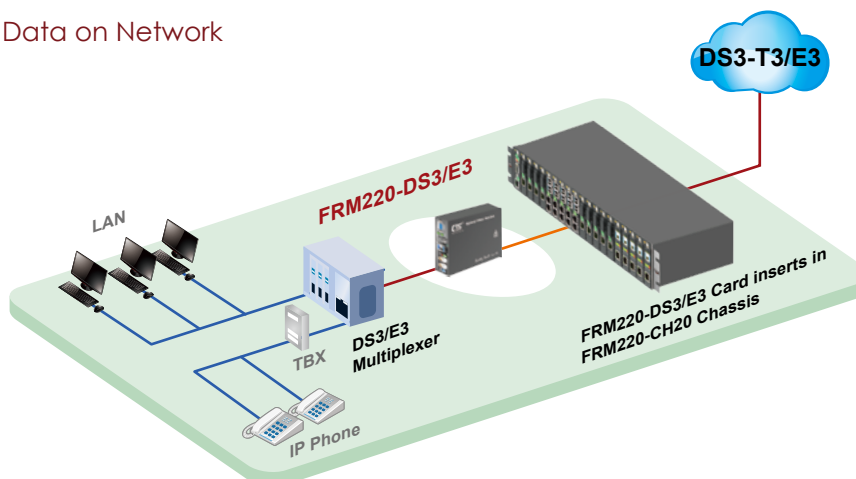## Specifications

Optical Interface	Connector	SFP : LC (Uses standard 100Base-X/OC-3 SFP)
	Data Rate	DS3/T3 = 44.7 Mbps; E3 = 34.4 Mbps
Line Coding	Distance	MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
	Wavelength	1310nm, 1550nm, CWDM 1471nm ~ 1611nm
Electrical Interface	Connector	75 ohm Coax, TX output min: +2.5dBm max : +9.1dBm
		RX input min: -9.7dBm, max +10.5dBm
	Standards	ANSI, ITU-TS, ETSI, AT&T, G.703, G.921 & G.955
	Indications	Power, Coax link, coax loop-back, AIS on coax link; FX link, fiber loop-back ,AIS on FX link

Power Input	Card	12VDC
	Standalone	AC, DC options
Power Consumption	<5W	
Dimensions	155 x 88 x 23mm (D x W x H)	
Weight	120g	
Temperature	0 ~ 60℃ (Operating), -10 ~ 70℃ (Storage)	
Certification	CE, FCC, LVD, RoHS	

Application

DS3/E3 G.703 — Voice/Data Mux — FRM220-DS3/E3 — Fiber optic 110km(68 miies) — FRM220-DS3/E3 — DS3/E3 G.703 — Voice/Data Mux

Integrate Voice & Data on Network

DS3-T3/E3

FRM220-DS3/E3

LAN

DS3/E3 Multiplexer

TBX

IP Phone

FRM220-DS3/E3 Card inserts in FRM220-CH20 Chassis

Ordering Information

Model Name	Description
FRM220-DS3/E3	DS3/E3 Coax (BNC) to Fiber SFP fiber media converter

Note: The card is suitable for use in CH01M standalone chassis.

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