



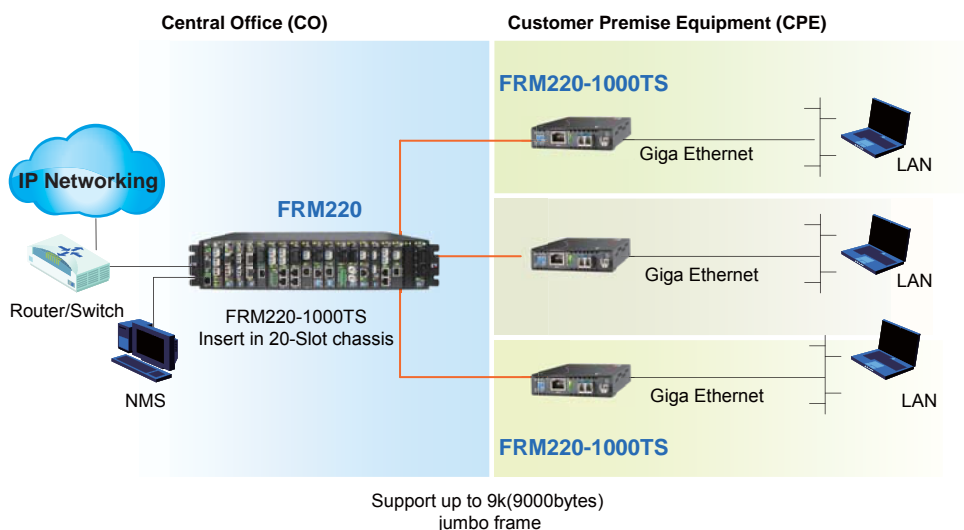
Gigabit Ethernet Converter FRM220-1000TS

The FRM220-1000TS is a transparent Gigabit Ethernet 1000Base-T to 1000Base-SX/LX SFP converter. They are managed (when installed in FRM220 with NMC) or non-managed stand-alone media converters, which give you the options to choose from a wide range of industry standard SFP modules with LC connectors. SFPs in multi-mode and single mode types are available as well as BiDi which allows bi-directional transmissions using only a single fiber cable. Because they are completely transparent to Ethernet packets, they are able to support any size frames, including undersized or jumbo packets (9K bytes). LED indicators signal the power status of the converter, UTP port speed, Link, and duplex status, FX port Link and duplex status.

Features

- 1000Base-T to 1000Base-SX/LX
- Network management via terminal or SNMP in FRM220 chassis
- Auto-negotiation or force mode
- Auto MDI/MDIX
- Forward > 9K bytes packets
- Support Link Fault Pass Through (LFP) function
- Auto Laser Shutdown (ALS)

Optical Interface	Connector SFP LC Data rate 1000Mbps 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)
Electrical Interface	Connector RJ45 Data rate 1000Mbps Duplex mode Full duplex Cable 10Base-T Cat.3, 4, 5, UTP
Standard	IEEE 802.3ab
Indications	LED (Power, FX-Link, FX Duplex, TX-SPD, TX-Duplex, TX-Link)
Power Input	Card : 12VDC Standalone : AC, DC options
Power Consumption	< 4W
Dimension	155 x 88 x 23mm (D x W x H)
Weight	120g
Temperature	0 ~ 60°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, LVD, RoHS
MTBF	65,000 hrs (25°C)



Ordering Information

FRM220-1000TS: 1000Base-T to 1000Base-X SFP media converter
Smart View Element Management System (EMS)
 SV-PLF-05 (5, 25, 50): Platform Server (5, 25, 50 admissions)
 SV-AGT-50 (50,100,200,500): Device Agent (50, 100, 200, 500 Devices)
 SV-Fiber: FRM220 Managed Module