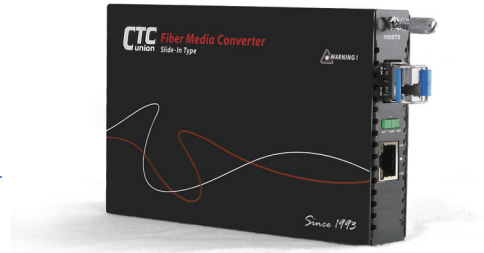


Managed slide-in card Gigabit Ethernet Fiber Converter

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.

Feature

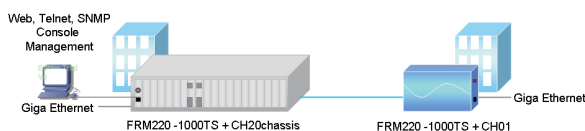
- 1000Base-T to 1000Base-SX/LX
- Network management via terminal or SNMP in FRM220 chassis
- Auto-negotiation or force mode
- Auto MDI/MDIX
- Forward 9K bytes (Max.) packets
- Support Link Fault Pass Through (LFP) function
- Auto Laser Shutdown (ALS)

Specifications

Ports	Optical Interface Connector : SFP LC Data rate : 1000Mbps 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: 850nm, 1310nm, 1550nm Electrical Interface Connector : RJ45 Data rate : 1000Mbps Duplex mode: Full duplex Cable type: 100Base-TX Cat.5, 5e Distance: 100 meters
Standard	IEEE 802.3 ab, IEEE 802.3z
LEDs	Power, FX-Link, FX Duplex, TX-SPD, TX-Duplex, TX-Link
Power	AC 100 ~240V, DC 18 ~72V
Power Consumption	< 4W
Dimension (D x W x H) mm	155 x 88 x 23mm
Weight	120g
Temperature	0~60 oC (Operating) , -20~70 oC (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, RoHS
MTBF	65,000 h

Application

CO(Rack) to CPE(Stand-alone) Management



CPE(Stand-alone) to CPE(Stand-alone) Management



Ordering Information

Line card

FRM220-1000TS 1000Base-T to 1000Base-SX/LX SFP Slide-in card

Stand-alone

- FRM220-1000TS-DC12** 1000Base-T to 1000Base-SX/LX SFP Stand-alone with AC adapter
- FRM220-1000TS-AC** 1000Base-T to 1000Base-SX/LX SFP Stand-alone with built-in AC power
- FRM220-1000TS-DC48** 1000Base-T to 1000Base-SX/LX SFP Stand-alone with built-in DC power
- FRM220-1000TS-AD** 1000Base-T to 1000Base-SX/LX SFP Stand-alone with built-in AC+DC power