

FR-2203

Mini 10/100/1000Base-TX to 100/1000Base-FX



Brief Introduction

Mini 10/100/1000Base-TX to 100/1000Base-FX Media Converter.

FR-2203 is a Gigabit Ethernet stand-alone Mini media converter that provides cost effective, entry-level media conversion between 1x10/100/1000Base-TX ports and 100/1000Base-FX ports. With its fixed configuration, deployments are just plug-and-play, and with its small size, it is ideal for locations where space is limited. 1x10/100/1000Base Fiber Media Converter, SFP Fiber Media Converter, Options in single mode dual fiber, multimode dual fiber and single mode single fiber.

We also supply Media Converter Chassis, the 1U height 12 slots media converter rack mount chassis specially designed for accommodating chassis-based mini Media Converters.

Features

- > Unit and Port LEDs allow for quick status information
- > Auto-Negotiation
- > Fixed Full-Duplex on fiber
- > Auto-MDI/MDIX
- > Automatic Link Restoration
- > Connect to legacy network equipment
- > Eliminate Collision Domains
- > 10/100/1000Base-TX UTP to 1000Base-FX fiber media converter
- > Supports IEEE802.3U IEEE802.3z 1000Base-TX/FX protocols , IEEE802.3ab standards
- > SC/FC/ST/LC optional
- > DIP switch to set different configurations
- > Compact package size
- > Supports IEEE802.3x flow control; 100Base-FX interface; auto MDI-MDIX function; LFP function

Specification

Transmission Distance	Twisted-pa 100M standard CAT5/CAT5e cable SFP, Distance depend on plug-in Fiber Transceiver Fiber: MM 500m/2km, SM 20/40/60/80/120km
Store-and-Forward Mode	1518Bytes
Pass Through Mode	9KBytes
LFP Mode	Support
DIP Switches	Store and Forward (optional) Pass Through (optional) Smart Pass Through (optional) Modified Cut Through (optional)
Connector	One UTP RJ-45 connector, one SC/ST connector, one DC-inlet connector
Operation Mode	Full duplex or half duplex mode
Power Requirement	Operating Voltage DC 5~12V Rated Current: 0.5/0.25A Power Consumption: Full-load<3W
Environmental Requirement	Operating Temperature: 0°C~50°C Storage Temperature: -10°C~70°C Relative Humidity: 5%~95% (non-condensation) MTBF: 50,000 h Enclosure: Metal
Mechanical Structure	Dimensions: 95mm(D)×60mm(W)×20mm(H) Weight: 120g
Warranty	1 Year
Emissions	FCC Class A, CE Class A

FR-2000

12-Slot Mini Media Converter Rack



Brief Introduction

Fiberroad provides Mini 10/100Base Fast Ethernet / 1000Base Gigabit Fiber Media Converter and SFP Fiber Media Converter, as well as 1U height 12 slots media converter rack mount chassis specially designed for accommodating chassis-based Mini Media Converters. The Mini Media converter is designed for Space Saving and powered by a single internal universal power supply, eliminating the need for the multiple power connections which associated with multiple converter installations.

The 1U 12 slots media converter rack mount chassis is cost effective and supports dual power DC48V/AC220V. Fiberroad offers space saving Mini Media Conversion in the wiring closet by providing a means for rack space while reducing the number of wall outlet power connections required. The Mini Media Converters is hot-swappable, which can be removed from the rack, powered externally, and used as stand-alone units in new applications as your network needs change in the future.

Specification

Part Number	FR-2000
Slots	12-slots in front for slide-in-modules
Unit LEDs	Power & In-Use LED's for each power supply (with use of optional LED module)
Dimensions	440mm(D)×245mm(W)×45mm(H)
Power	Universal input 100~240V, 50/60Hz, 3.0~1.5A Redundant Power Supply
Environment	The temperature: 0~50°C Humidity: 5%~95% non-condensing 0-10,000 ft. altitude
Shipping Weight	3.2kg
Warranty	1 Year
Compliance	UL Listed; En60950; FCC & CISPR Class A; CE Mark

Order Information

Model Number	Port Description
FR-2201	Mini 10/100Base-TX to 100Base-FX Media Converter
FR-2203	Mini 10/100/1000Base-TX to 100/1000Base-FX Media Converter
FR-2206	Mini 2x10/100/1000Base-TX to 100/1000Base-FX Media Converter
FR-2211	Mini 10G Media Converter
FR-2209	Mini SM to MM OEO Converter
FR-2208	Mini 125M~1.25G OEO Converter
FR-2212	Mini 125M~11.7G OEO Converter
FR-2000	Mini 12-Slot Media Converter Rack