

# FR-2212

## Mini 125M~11.7G OEO Converter



### Brief introduction

Mini 125M~11.7G OEO Converter.

This product is high-performance 125M~11.7G optical signals Repeaters, Using Optical - Electrical - Optical wavelength conversion, realize the optical signal equilibrium amplification, clock extraction and optical regeneration, and with WDM (DWDM/CWDM) technology, can achieve optical signals transmit in a single fiber by single or multiple way over a long distance. On the existing network infrastructure, it can quickly improve the communication capacity, expand the bandwidth, while using low cost and high cost-effective solutions to manage and operate the system, easy operation and maintenance.

### Main features

- > To meet the requirement for Metro optical networks or optical access network high-speed interconnect, and transparent transmission > 850nm, 1310nm, 1490nm and 1550nm wavelength conversion, with EDFA optical amplification and dispersion management, to extend the transmission distance
- > Supporting Jumbo frame
- > Support SAN, LAN, WAN, point to point transmission
- > Proved Multi-data & multi-rate interfaces, to solve a variety of optical fiber resource constraints problem in network
- > Transparent Transport and very low delay Support ITUT prescribed DWDM/CWDM wavelength
- > Support hot plugging
- > Full State Led display
- > Easy installation

### Instruction

Transmission mode	125Mb/s-11.7G
Transmission distance	SFP+ Fiber: MM 500m/2km, SM: 20/40/60/80/120km
DIP Switches	ALS (optional) LFP (optional) Loop (optional)
Input Power Requirements	Input voltage: DC 5-12V, 1.4/0.6A Power consumeage: Full-load<7W
Maximum Packet Forwarding Rate	14,880,950/S
Environmental Requirement	Operating Temperature: 0°C~50°C Cooling: free air convection Storage Temperature: -10°C~70°C Relative Humidity: 5%~95% (non-condensation) MTBF: 50,000 h Enclosure: Metal
Mechanical Structure	Case Material: Iron Case Color: Black Net Weight: 130g Dimensions: 95mm(D)×60mm(W)×20mm(H)
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	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