

FMT 1U Managed Chassis Unloaded

Supports up to 4x EDFA/OEO/OLP Modules for FMT Multi-Service Transport System



Description

The FMT 1U managed chassis can hold both a NMU (Network Management Unit) main control module and 4x EDFA/OEO/OLP business modules, which allows you to optimize a solution for your specific network needs.

And the FMT 1U managed chassis, available with an Optical Supervisory Channel (OSC), is a platform of low-power consumption that combines state-of-art electronics and superior optical performance which makes it possible to build or upgrade networks to meet the demands of today as well as future multi-services access requirements.

Features

- Independent business module and main control card
- Support up to 4x hot-swappable EDFA/OEO/OLP modules
- Individually controlled dual AC or DC pluggable power supply and fan unit
- Self-developed management system
- Embedded OSC for remote management
- Support SNMP v1, Monitor Online, Simple Management Tool management

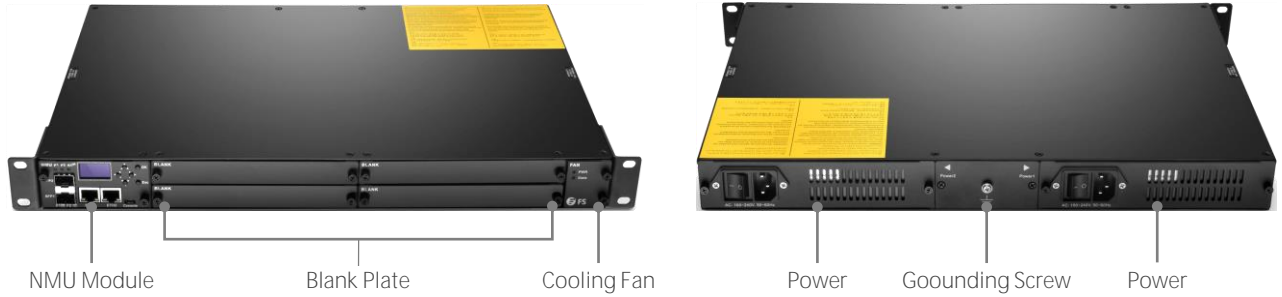
Technical Specifications

Physical Specification	Description
Slot Count	4-slot
Enclosure Type	Rack mountable
Power Redundancy	1+1 backup AC power supply
Heat Dissipation	hot swappable fan module
Power Supply*	Dual power, 100V-240VAC
Power Consumption	Max. 50W
Operating Temperature	-5° C~ +60° C
Storage Temperature	-40° C~ +85° C
Relative Humidity	5% to 95%, no condensing
Dimensions (HxWxD)	1.75"x19"x11.81" (44.5x482.6x300mm)
Net Weight	5kg (11lb)
Noise Figure	< 30dB
Network Management	Description
Management Interface	1x Console Port 2x SFP LAN Ports 100Base-X 2x RJ45 LAN Ports 10/100Base-T
Management Protocols	SNMP v1, Monitor Online, Simple Management Tool
Management Channel	Optical Supervisory Channel (OSC)

* Note: FMT 1U managed chassis comes with dual AC power supply in default, DC power can be customized, please contact sales@fs.com for more details.

Managed Chassis Introduction

4-slot 1U managed chassis, supports multiple FMT series business modules with accessories.



NMU Module

NMU (Network Management Unit) module provides a strong ability in data processing, supporting the function module rapid configuration and intelligent management.

Blank Plate

Used for FMT series business modules, which are designed as 1-slot or 2-slot type to match the managed chassis:

1-slot module: OEO, DWDM EDFA, OLP, VOA, DWDM Red/Blue Filter, OPD, etc;

2-slot module: DCM, EYDFA, SOA, OTDR, OPM, etc.

Cooling Fan

Intelligent temperature control system and optimized design of ventilation, ensuring high stability and reliability.

Power Supply

Hot-swappable 1+1 redundant dual AC power, providing stable power supply for the equipment.

Goounding Screw

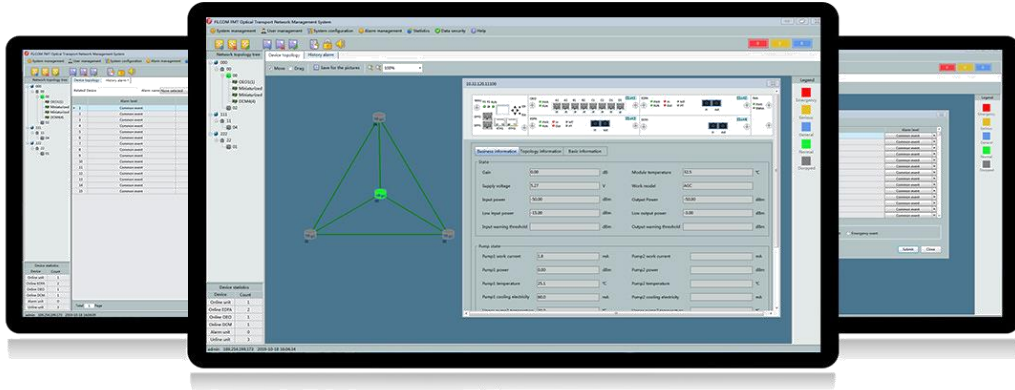
The grounding screw is used to connect with the ground wire to avoid electric shock.

Dimension

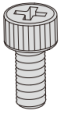


Network Management System

The FMT managed chassis is embedded with OSC for remote management and topology detection to be managed by MonitorOnline management system. The MonitorOnline software provides complete performance monitoring and management, including laser shutdown status, input power, output power, and etc to centralize OTN network management.



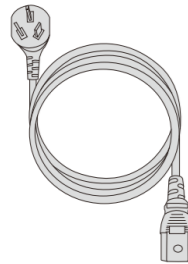
Accessories



Bracket Screws x1



Power Cord x2



Bracket Nuts x1



CD x1

Ordering Information

ID	Description
#39214	1U Managed Chassis Unloaded, Supports up to 4x EDFA/OEO/OLP Module with Accessories
#36524	26dB Gain Pre-Amplifier DWDM EDFA C-band 16dBm Output, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#72284	20dB Gain Pre-Amplifier DWDM EDFA C-band 13dBm Output, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#78227	20dBm Output Booster DWDM EDFA C-band 20dB Gain, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#72283	17dBm Output Booster DWDM EDFA C-band 17dB Gain, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform

ID	Description
#36501	22dBm Output Booster DWDM EDFA C-band 24dB Gain, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#36592	17dBm Output In-Line DWDM EDFA C-band 17dB Gain, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#65781	40KM DCF-based Passive Dispersion Compensation Module, 4.2dB Low Loss, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#65779	80KM DCF-based Passive Dispersion Compensation Module, 5.8dB Low Loss, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#30515	4 Channels Multi-Rate WDM Converter (Transponder), 8 SFP/SFP+ Slots, Up to 11.3G Rate, Pluggable Module for FMT Multi-Service Transport Platform
#92056	4 Channels Multi-Rate 25G WDM Converter (Transponder), 8 SFP28/SFP+ Slots, Up to 28.1G Rate, Pluggable Module for FMT Multi-Service Transport Platform
#66010	1+1 Optical Line Protection Switch (OLP), Pluggable Module for FMT Multi-Service Transport Platform
#72700	Optical Line Protection Switch (OLP), Pluggable Module for Single-Fiber Bidirectional Transmission
#73324	Optical Splitter, Pluggable Module for Single-Fiber Bidirectional Transmission
#78568	4 Channels 1550nm OPD (AIU) Optical Power Detection, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#71586	Optical Performance Monitoring (OPM), Pluggable Module for FMT Multi-Service Transport Platform
#73287	1x16 Multi-Channel Opto-Mechanical Optical Switches with Adjustable Channels Control, Pluggable Module for FMT Multi-Service Transport Platform
#72604	10dB Gain 1310nm Semiconductor Optical Amplifier (SOA), LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform
#78479	17dBm Output 1550nm 64 Ports FTTx PON High Power EYDFA with WDM for CATV Application, LC/APC, 2U Rack Mount
#66915	Network Management Unit Tailored for FMT 1U, 2U and 4U Managed Chassis

Note: Standard products are listed above. Customized specifications are available upon request.



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