FS

M6500 Series Managed Chassis Unloaded

Supports up to 2x 100G Transponder/Muxponder Modules

Description

M6500 Series managed chassis provides a managed, flexible and

scalable architecture for fiber networks. It can support up to 2x transponder/muxponder modules to construct a 100G high capacity optical transport networks over a single wavelength.

The chassis, available with an Optical Supervisory Channel (OSC), Electric Supervisory Channel (ESC), supports the hybrid networking of OSC and ESC. It's 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..
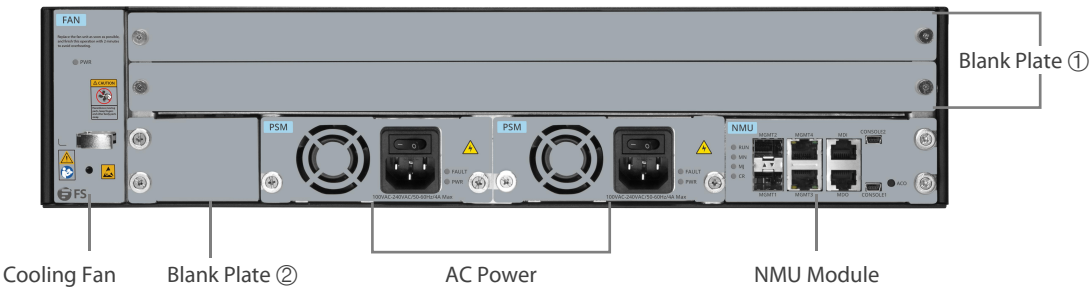
Features

- Independent service card and main control card
- Embedded OSC and ESC for remote management
- Support SNMP v2c and Web browser over HTTP/HTTPS management
- Support up to 2x hot-swappable transponder/muxponder modules
- Individually controlled dual AC or DC pluggable power supply and fan unit
- Support four functions of performance, fault, configuration and security management

Technical Specifications

Physical Specification	Description
Slot Count	2-slot for 100G transponder/muxponder module
Enclosure Type	Rack mountable
Power Redundancy	1+1 backup AC power supply
Heat Dissipation	1x fan module, hot swappable
Power Supply*	AC: Input 100 to 240V, 47 to 63Hz; DC: Input -40 to -72V
Power Consumption	Max. 350W
Operating Temperature	0°C~ +45°C
Storage Temperature	-40°C~ +70°C
Relative Humidity	10% to 90%, no condensing
Dimensions (HxWxD)	3.70"x17.48"x9.53" (94x444x242mm)
Ingress Protection	Non-waterproof
Network Management	**Description**
Management Interface	2x Console Ports 2x SFP LAN Ports 100Base-X 2x RJ45 LAN Ports 10/100Base-T
Management Protocols	SNMP v2c, Web browser over HTTP/HTTPS
Transmission Protection	SNC
In-band DCN Management	GCC0 on OTU4 GCC0 on OTU3 GCC1 or GCC2 or GCC1+2 on ODU4 GCC1 or GCC2 or GCC1+2 on ODU3
Management Channel	Optical Supervisory Channel (OSC)

* Note: 1. DC: Input -40 to -72V, "-" means negative power supply;

2. M6500 Series managed chassis is with dual AC power supply in default, DC power can be customized, please contact sales @fs.com for more details.

Front Panel

Cooling Fan | Blank Plate ② | AC Power | NMU Module

Blank Plate ①

Blank Plate ①

Used for two 1-slot type M6500 Series modules (integrated 100G muxponder/transponder)
for building high capacity optical transport networks.

NMU Module

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

AC Power Supply & Blank Plate ②

Hot-swapable 1+1 redundant AC power and optional DC power, providing stable power supply for the equipment.

Cooling Fan

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

Network Management System

The chassis provides full fault, configuration, performance, security functionality via a user-friendly NMS system-based B/S architecture. And the graphical user interface makes a perfect function and flexible operation.
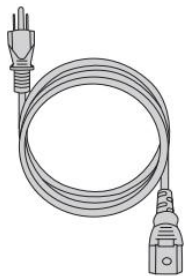
Fault Management
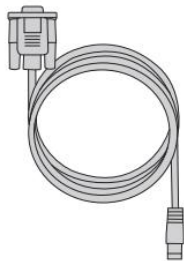

Configuration Management
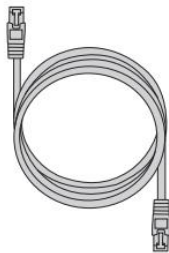

Security Management

Performance Management

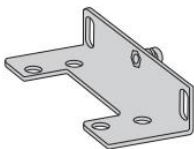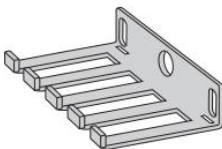## Accessories

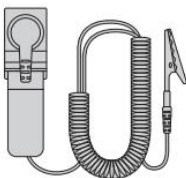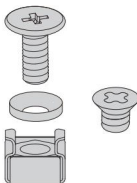|		
Power Cord x2	Console Cable x1	Ethernet Cable x1
Mounting Bracket x2	Cable Manager x1	ESD Wrist Strap x1
Grounding Cable x1	M6 Screw Set x4/M4 Screw x8	CD x1

Ordering Information

ID	Description
#96375	1x 100G QSFP28 or 2x 40G QSFP+ to 1x 100G CFP Transponder/Muxponder with 100G Coherent CFP Transceiver
#96372	1x 100G QSFP28 or 2x 40G QSFP+ to 1x 100G CFP Transponder/Muxponder
#96376	10x 10G SFP+ to 100G CFP 100G Multirate Muxponder with 100G Coherent CFP Transceiver
#96373	10x 10G SFP+ to 100G CFP 100G Multirate Muxponder
#96454	M6500 Series Managed Chassis Unloaded, Supports up to 2x 100G Transponder/Muxponder

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

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