Description

The Multicom Optical Transport Chassis (OTC) is a 4RU, 19" rack mountable equipment shelf with 14 service slots, redundant hot swappable power supplies, system management controller and display.

The OTC supports the Multicom OTC RFoG and HFC Return Path Receivers, OTC 1310nm and 1550nm Transmitters, and OTC EFDA. The chassis utilizes a universal slot design for the ultimate in flexibility, allowing any mix of OTC modules to be installed in any combination of slots.

Power supplies, fans and management modules are hot swappable and are integrated into the chassis design leaving all 14 slots open for OTC modules. All OTC modules are plug in/hot swappable with RF inputs and outputs fixed to the chassis rear panel, simplifying module replacement.

The chassis management controller includes a front mounted LCD display/control keys for local operations, and supports SNMP remote management/monitoring. When an OTC module is installed, its type, and inventory parameters are automatically registered with the controller to simplify service activation, and allowing new module types to be installed onto existing systems without software upgrades or service interruptions.

Key Features

- Intelligent controller maintains a system inventory automatically and constantly monitors status
- Universal slot design allows any OTC module to be installed in any slot
- High port density to support up to 28 optical networks in a single 4 RU chassis
- Front panel controls for status at a glance. No terminal needed.
- Remote management using SNMP allows easy integration to standard management systems
- AC or DC powering to optimize the power options for each installation

Applications

- GPON/EPON RF feeder networks
- RFoG access networks
- HFC nodes and networks
- Inter-Office video transport networks

Empty slots
Modules installed

Optical Transport Chassis (OTC) PN: MUL-OTC-14-AC/DC

The OTC supports the following OTC modules:

OTC 1550nm Transmitter Module PN: MUL-OTC-1550TX-6/8/10
OTC 1310nm Transmitter Module PN: MUL-OTC-1310TX-6/8/10/12/14
OTC EDFA Module PN: MUL-OTC-EDFA-19/20/21/22
OTC RFoG Return Path Receiver Module PN: MUL-OTC-RPR-RFOG-5-85/5-200
OTC HFC Return Path Receiver Module PN: MUL-OTC-RPR-HFC-5-200

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*Specifications subject to change without notice