

# Optical Transport Chassis

MUL-OTC-CH-V

The MUL-OTC-CH-V is an Optical Transport Chassis with universal CATV applications, high density, and powerful functionality and flexibility. The galvanized steel 4RU module shelf, CMM Display and Control Module, and Plug-in Power Modules are the basis of this product. The standard 19 inch shelf has 16 universal slots and fan cooling. The plug-in CMM Status Display and Control Module has a LCD status display and front panel pushbutton operation. Installing the Plug-in Application Modules into the shelf and putting the shelf into the cabinet creates an entire HFC headend in very little space.



CMM Status Display and Control Module  
 2 Redundant Plug-in Power Modules mounted behind the CMM  
 16 Hot-Swappable Plug-in Application Module Slots

## Plug-in Power Modules

The Plug-in Power Modules convert the AC power (DC optional), input power to supply the Application Modules in the OTC shelf. These modules use the newest switching power supply techniques, coupled with a high performance cooling design, to ensure high reliability. Each OTC system includes two redundant Plug-in Power Modules.

## Plug-in Application Modules

Depending on optical fiber network design requirements, users can select the following optional Application Modules:

- MUL-OTC-1310TX-V-X - 1310nm Forward Path Optical Transmitter Module
- MUL-OTC-1550TX-V-X - 1550nm Forward Path Optical Transmitter Module
- MUL-OTC-RPR-V - Forward Path Optical Receiver Module
- MUL-OTC-RPR4-V - Four-channel Return Path Optical Receiver Module
- MUL-OTC-EDFA-V-X - EDFA Optical Amplifier Module
- MUL-OTC-OS-V - Optical Switch Module
- MUL-OTC-PRFA-V - Pre RF Amplifier Module
- MUL-OTC-RFS-V - RF Switch Module

## Specifications

Item	Unit	Technical Parameters
Shelf dimensions	mm	483W x 176H x 420D - 4RU, 19" shelf
Ambient temperature range	°C	-25 - +55 (-13 - +131°F)
Humidity range	%	0 - 95 Non-condensing environment