

OmniLight® 14-Module Chassis and 3-Module Shelf USER MANUAL

Product Overview

OmniLight family of LGX form factor CWDM and DWDM passive optical modules and chassis support the highest port density available in the LGX form factor for telecom service providers and cable operators deploying wavelength services.

The OmniLight LGX chassis and optical modules provide a scalable, flexible and high-density solution for distributing wavelength services from Central Offices, Headends and Data Centers.

The 3RU OmniLight Chassis can support 14 standard LGX modules or 28 half-size LGX modules.

The 1RU OmniLight Shelf can house 3 standard LGX or 6 half-size LGX OmniLight passive optical modules.

The OmniLight Chassis and Shelf also support iConverter® CWDM multiplexer and Add+Drop multiplexer modules using the iConverter LGX Adapter Bracket.



Figure 1: 14-Module Chassis



Figure 2: 3-Module Shelf

Installation

- Each opening on the chassis or shelf can accommodate either a full size LGX module or 2 half size LGX module.

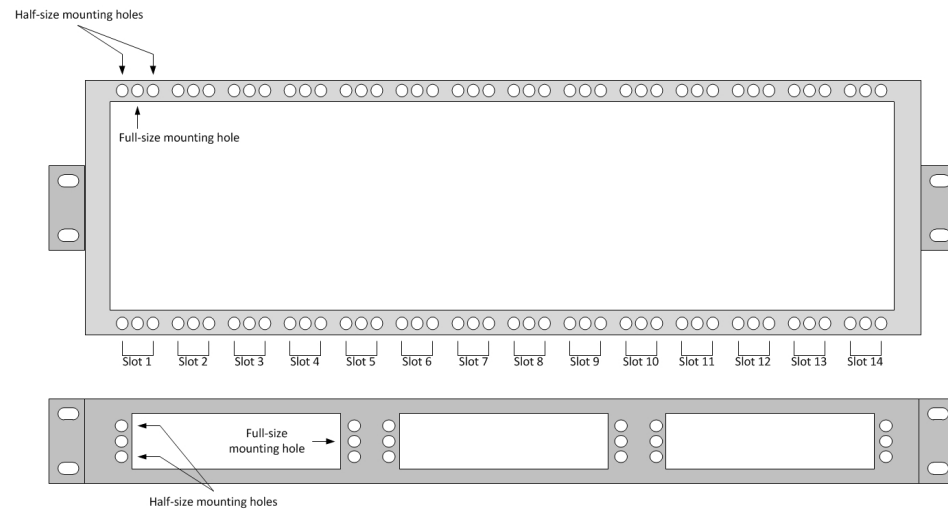


Figure 3: Hole Pattern for Chassis and Shelf

Carefully align the push rivets on the module with mounting holes on the chassis or shelf corresponding with the desired opening (see above). Once aligned, push the rivets into mounting holes to lock the module in place.

- iConverter CWDM modules can be installed in the chassis or shelf when installed with the iConverter LGX Adapter (8099-0).
- The chassis or shelf can be mounted to a 19" rack using the included mounting brackets. Attached the mounting brackets to the chassis/shelf using the provided screws.

NOTE: The chassis or shelf can be mounted to a 23" rack using the optional mounting bracket (5800-20).

Warranty

This product is warranted to the original purchaser against defects in material and workmanship for a period of two (2) years from the date of shipment. A LIFETIME warranty may be obtained by the original purchaser by registering this product within ninety (90) days from the date of shipment at www.omnitron-systems.com/support. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective with the same product or with a product with at least the same functionality.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Limitation of Warranty

The foregoing warranty shall not apply to defects resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance.

No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Environmental Notices

The equipment covered by this manual must be disposed of or recycled in accordance with the Waste Electrical and Electronic Equipment Directive (WEEE Directive) of the European Community directive 2012/19/EU on waste electrical and electronic equipment (WEEE) which, together with the RoHS Directive 2011/65/EU, for electrical and electronic equipment sold in the EU after July 1, 2006. Such disposal must follow national legislation for IT and Telecommunication equipment in accordance with the WEEE directive: (a) Do not dispose waste equipment with unsorted municipal and household waste. (b) Collect equipment waste separately. (c) Return equipment using collection method agreed with Omnitron..

The equipment is marked with the WEEE symbol to indicate that it must be collected separately from other types of waste. In case of small items the symbol may be printed only on the packaging or in this manual. If you have questions regarding the correct disposal of equipment go to www.omnitron-systems.com/support or e-mail to Omnitron at intlinfo@omnitron-systems.com.

