XenOpt

X6100-M2
200 G OTN Muxponder

Features

- 200 Gb OTN muxponder
- Compact 1 U height
- Flexible port configuration
- Supports MSA compatible pluggables including 200 Gb CFP2 DCO pluggables

Overview

X6100-M2 is a high density 1U height 200 G OTN muxponder. Based on advanced technology ASIC chip it provides flexible solution for high-speed medium and long distance data-center interconnects. It supports use of MSA compatible pluggable optics including CFP2 digital coherent optics (DCO).

X6100-M2 has one line side CFP2 port and 5 client side ports. There are two 100 Gb QSFP28 ports and three QSFP+ based 40 Gb ports. Each 100Gb port can operate as 1x 100Gb or 2x 40Gb or 4x10Gb port, Each 40Gb port can operate as 1x40Gb or 4x10Gb port.

The muxponder can operate as 2 x 100 Gb, 4 x 40 Gb or 20x 10 Gb muxponder.

Device supports forward error correction and standard G.709 FEC on 100 G/200 G, and can be augmented with Soft-Decision FEC. Standard SNMP management is also supported.

Physical Characteristics

Table 1   Physical Characteristics

Characteristic	Description
Shelf Type and Dimensions (mm) (W*D*H)	440 mm * 350 mm * 44 mm
Power Supply	AC: Input 100 to 240 VAC, 47 to 63 Hz DC: Input -40V to -72 VDC
Power Consumption	150 W MAX
Client Interface	2 QSFP28 based 100 Gb ports or 4 QSFP+ based 40 Gb ports or 20 (4x5) based 10 Gb ports
System Interface	1 CFP2 based 100 G/200 G port
Environment	Working temperature: 0°C to 45°C Storage temperature: -40°C to 70°C Relative humidity: 10% to 90%, non condensing

Ordering information[1]

PN	Description
X6100-M2-A	200 G OTN muxponder, AC
X6100-M2-D	200 G OTN muxponder, DC

Notes:

[1] For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice.

Wide range of compatible pluggable components is available. These include DCO CFP2 200 Gb that support FEC including SD-FEC and AES encryption. QSP28 MM 100 Gb, 40Gb QSFP+ and DAC and AOC cables are available for client side connection.

Please specify any host device compatibility requirements at the time of ordering. Standard MSA compatible pluggable components may not work, or some function of these components may not be available in devices that require customized pluggable devices. Pluggable components that are compatible with one type of communications equipment may not work in other type of communications equipment.

Important Notice

To find out more, please contact:

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www.xenopt.com