

eWAVE5101L

1RU, OEO 100/40G Media Converter

1RU OEO 100/40G Media Converter

- Support all types of 100/40G optical interface
- 100G-SR10, 100G-LR4, 100G-ER4
- DP-QPSK, Coherent 100G
- DWDM 10x10 100G
- 40G/100Gb/s
- Transponder, Repeater
- 2 Hot Pluggable Power Supply
- Hot Pluggable Fan Tray
- 1+1 OLP protection
- 3 slots for EDFA/ DCM (DWDM)

INTERFACE

- 2 x CFP Ports
- 3 x Universal Slots
- 1 x Console Port
- 1 x Management port
- 1 x Office Alarm



eWAVE5101L 100/40G media converter is developed for flexible convert different optical interface in 100/40G transmission. By changing different types of CFP module, it supports almost all kinds of 100G optical interface, including 100GBASE-LR4, 100GBASE-ER4 and 100GBASE-SR10 and seamlessly interfaces with any third party equipment. It can even be used as transponder or O-E-O repeater when long reach CFP module is used. Coherent 100G transmission and DWDM 10x10 MSA 100G transmission are also supported

Standard pluggable CFP optical modules makes it easy and flexible in conversion. The concept behind is to provide optional way for rolling 100/40G services with cost effective and space-saving product.

Ideal for the following applications:

- Acting as a media converter between the different 100/40G optical interfaces
- Transponder in DP-QPSK/Coherent 100G transmission
- Transponder in DWDM 10x10 100G transmission
- Repeater in all kinds of 100/40G transmission

Features:

- ✓ Most flexible in conversion
- ✓ Supporting 100/40G optical interface
- ✓ Supporting coherent 100G transmission in high density application
- ✓ Supporting DWDM 10x10 100G transmission in low cost application
- ✓ Support repeater application
- ✓ 3 slots for EDFA, DCM, OLP or passive WDM/OAD cards
- ✓ Line Side: 80km distance PTP, and over 1000 km with Boost, line and pre EDFAs
- ✓ CLI Management via RS232 or telnet via TCP/IP

Sample configuration:

