eWAVE2500Di-I

Gigabit Ethernet Transponder with Digital Wrapper

MAIN FEATURES

- 10 channel of Multi service transmission
- Multiplex 10 CWDM wavelength channels
- Hot pluggable SFP
- User Port Protection at optical layer
- Extensible daughter card with up to 6 channels
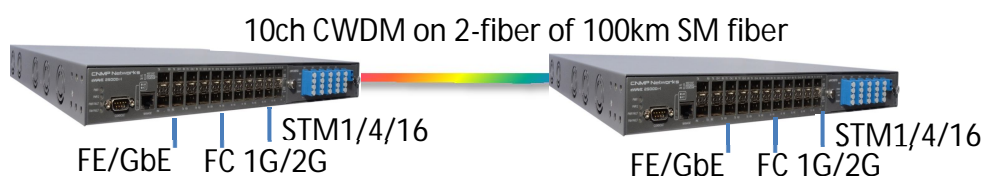- Dual power redundancy

SYSTEM FEATURES

- 10 x Long haul Ports
- 10 x User Ports
- 10 x Mux/Demux Port
- 1 x Console
- 1 x Management Port

eWAVE2500Di-I is a platform which can provide multi-service access and support long distance transmission with various data rates such as 100M/s FE, SDH/SONET/ATM OC3, OC12, OC48, Gigabit Ethernet, Fiber Channel and DTV. It is specially designed for carriers and service providers who require a very cost effective and highly reliable network transport system. It can be flexibly configured as either CWDM multiplexing transmission or multi-port media converter. eWAVE2500Di-I transports maximum of 80km with SMF. Extension with up to 6 channels can be achieved by replacing daughter cards with hot pluggable functions. In addition to that, application can be more flexible by adding MUX/DEMUX modules with different channel numbers.

Application Example:
Connection between two Data Center (Ethernet, SDH/SONET, Fiber Channel and etc)

10ch CWDM on 2-fiber of 100km SM fiber

FE/GbE   FC 1G/2G   STM1/4/16   FE/GbE   FC 1G/2G   STM1/4/16

Technical Specification

Transmission Data Rate	
SDH	STM-1, STM-4, STM-16
SONET	OC-3, OC-12, OC-48
Ethernet	100M, 1000M
Fiber Channel	1G, 2G
Client Interface	
Number of interfaces	Up to 16 x SFP, Hot Pluggable
Wavelength	User definition
Line Interface	
Number of interface	Up to 16 x SFP, Hot Pluggable
Wavelength	From 1270nm to 1610nm
Data Rate	100Mbps ~ 2.5 Gbps
Power Consumption	100~120/200~240V AC, 48V DC, <100W
Dimension	436x408x44mm
Weight	5kg