eWAVE101xx Series

Aggregation WDM Transmission Equipment

MAIN FEATURES

- 10 Channels of GbE
- ITU-T G.709 Digital Wrapper
- SONET class manageability
- High Speed protection switch by P-Link
- Longer Distance with FEC
- Point to point, Ring, add/drop topology
- In-band management (OSC) Monitor

HARDWARE FEATURE

- 10/20/24 x GbE
- 1 / 2 x OTU2 Line Port
- 1 x Console Port
- 1 x Management Port

eWAVE101xx is a series of muxponders which based on 1U chassis. It aggregates 10/20/24 GE ports into 1 or 2 10GE ports, and supports OTN and C/L band full tunable transmission in long haul. It supports transmission distances up to 140km with a single pair of SMF or DSF. If EDFA is added, the distance can reach up to 800km.

eWAVE10110: Multiplex 10 channels of GbE without switching feature
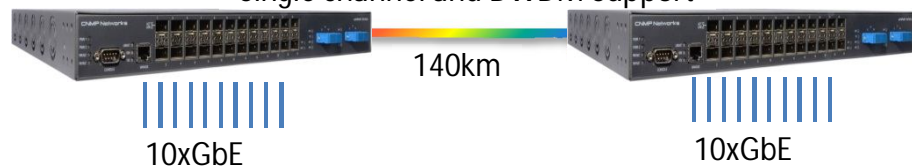eWAVE10120: Multiplex 20 channels of GbE without switching feature
eWAVe10124: Multiplex 24 channels of GbE with switching feature

ITU-T G.709 compliance with digital wrapper and FEC supported.

Application Example:
Data center consolidation, Storage extension, Resource virtualization, Strategic Site Selection

Single channel and DWDM Support

140km

10xGbE   10xGbE

Technical Specification

Transmission mode	10/20/24xGbE multiplexing, OTN
Line Port	
Wavelength	Full C/L Band
Loss Budget	FEC Enable: 33 dB
Transmission Rate	10.709Gbps (OTU-2) / 11.049Gbps (OTU-1e)
User Port	SFP*
Power Consumption	100~120/200~240V AC, 48V DC, <60W
Dimension	436x408x44mm
Weight	8kg

* purchase separately

2012-EWAVE-DS1-001