

10G OTN Muxponder with 16x SFP & 2x XFP ports

L16LOTN-D10G is high density 1U 10G OTN muxponder with 2x 10G and 16x Multirate SFP. Based on the ASIC IC, it is fully compliant with ITU-T standard, such as G.709, G.798, etc. L16LOTN-D10G is suitable for Metro Access and Metro Aggregation optical transport network.



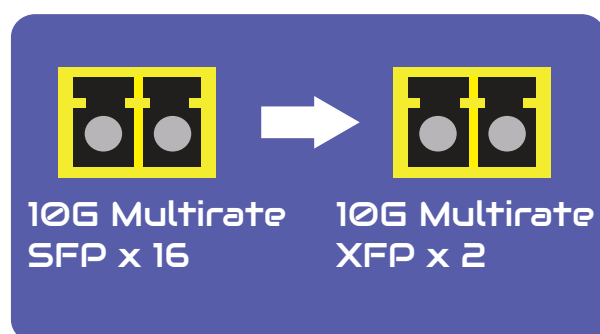
FEATURES

- 2x 10G XFP based OTU2 ports
- 16x SFP Multirate (GE/FE, STM-1/4/16, OC-3/12/48)
- Standalone 1U 19" Unit

SPECIFICATIONS

Features	Description
System Side Signal and Multiplexing	10G port (WDM XFP): OCh <-> OTU2 <-> ODU2 <-> ODU0 or DU1 or mixed ODU0/ODU1
Structure	10G port (grey XFP): OTU2 <-> ODU2 <-> ODU0 or ODU1 or mixed ODU0/ODU1
Client Side Signal and Mapping Mode	FE/GE (via TTT+GMP) <-> ODU0
	STM-1/STM-4/OC-3/OC-12 (via GMP) <-> ODU0
	STM-16/OC-48 (via AMP or BMP) <-> ODU1
FEC on 10G Port	Regular FEC (G.709)
	1.4 Super FEC (G.975.1)
	1.7 Super FEC (G.975.1)
In-band DCN Management	GCC0 on OTU2
	IGCC1 or GCC2 or GCC1+2 on ODU2
	GCC1 or GCC2 or GCC1+2 on ODU1
	GCC1 or GCC2 or GCC1+2 on ODU0
Out-band DCN Management	Management Ethernet port
Transmission Protection	SNC/N
	SNC/I
Network Management System	SNMP based NMS
Shelf Type and Dimensions(mm) (W*D*H)	440mm*435mm*44mm
Power Supply	AC: Input 100~240V, 47~63Hz;
	DC: Input -40.5V~-72V;
Power consumption	90W
Storage temperature	-40°C~70°C
Relative humidity	10%~90%, no condensing

FUNCTIONAL DIAGRAM

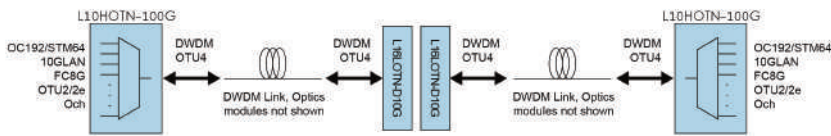


DIAGRAM

1. Point to Point



2. Point to Point with Regeneration



3. Two Stages of Multiplexing (together with L16LOTN-D10G)



4. Line Side Protection with OLP



ORDERING INFORMATION

PN	DESCRIPTION
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