

100G OTN Muxponder with 10x SFP+ & 1x CFP ports

L10HOTN-100G is high density 1U 100G OTN muxponder with 10x 10G and 1x 100G ports. Based on the ASIC IC, it is fully compliant with ITU-T standard, such as G.709, G.798, etc. L10HOTN-100G is suitable for Metro Access and Metro Aggregation optical transport network.



FEATURES

- 10x 10G SFP+ based ports (10GE LAN/WAN, STM-64/OC-192, FC8G, OTU2, OTU2e)
- 1x 10G CFP based port (coherent CFP, 4x25G DWDM CFP, grey CP)
- Standalone 1U 19" Unit

SPECIFICATIONS

Features	Description
System Side Signal and Multiplexing Structure	10G port (WDM XFP): OCh <-> OTU2 <-> ODU2 <-> ODU0 oOr DU1 or mixed ODU0/ODU1
	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)
	I.4 Super FEC (G.975.1)
	I.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	130W
Storage temperature	-40°C~70°C
Relative humidity	10%~90%, no condensing

FUNCTIONAL DIAGRAM

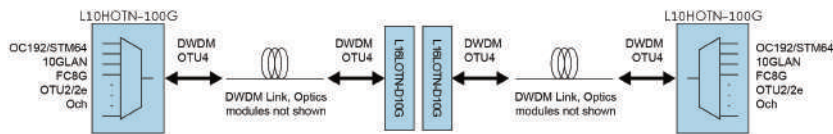


DIAGRAM

1. Point to Point



2. Point to Point with Regeneration



3. Two Stages of Multiplexing (together with L16LON-D10G)



4. Line Side Protection with OLP



ORDERING INFORMATION

PN	DESCRIPTION
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