STN6800-I-M2X16 10G OTN Muxponder

Overview:

STN6800-I-M2X16 is high density 1U 10G OTN Muxponder with two ports 10G and 16 ports low speed anyrate, it adopts the advanced technology and ASIC chip, and it is fully compliant with ITU-T standard, such as G.709, G.798, etc. STN6800-I-M2X16 is suitable for Metro Access and Metro Aggregation optical transport network.

Physical Characteristics:

Characteristics	Description
Shelf Type and Dimensions(mm) (W*D*H)	440mm*350mm*44mm
Power Supply	AC: Input 100V～240V, 47～63Hz DC: Input -40V～-72V
Power Consumption	90W
Client Interface	16 SFP based low speed ports (GE/FE, STM-1/4/16, OC-3/12/48, anyrate low speed)
System Interface	Two XFP based 10G OTU2 ports
Environment	Working temperature: -5°C～50°C Storage temperature: -40°C～70°C Relative humidity: 10%～90%, no condensing

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Technical Specification:

Features	Description
System Side Signal and Multiplexing Structure	10G port (WDM XFP): OCh <-> OTU2 <-> ODU2 <-> ODU0 or ODU1 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
	GCC1 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

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Applications:

1. Point to Point

2. Two Stages of Multiplexing (together with M1H10)

3. 10G Ring Application

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