

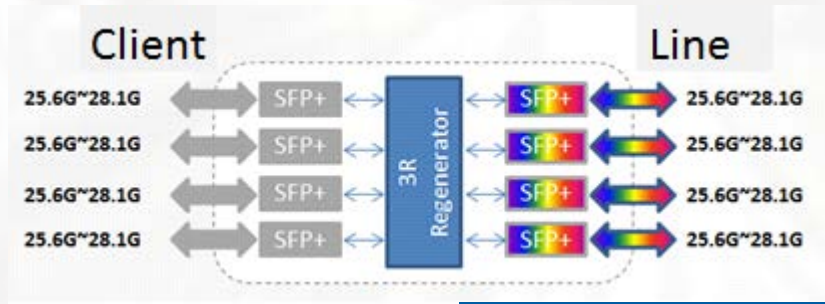
All boards are universal and hot swappable



Height(U)	5	2	1
Slot of Service Board	18	7	3
Power Input	DC -48V / AC 90~260V 1+1 Standby DC/AC hybrid		
Power Consumption	400W(Ref)	200W(Ref)	100W(Ref)

Transponder: 4 CH in 1 Board

BD-OEO25G: 4x25G Service Access Card

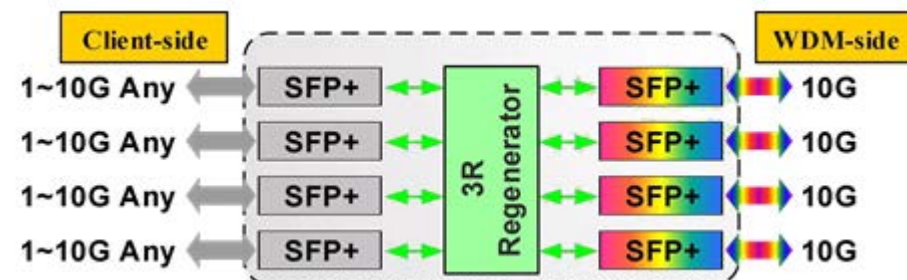


Product Model	BD-OEO25G
Basic Function	<ul style="list-style-type: none"> It supports bidirectional transmission of 4-channel services with any rate within 25.6 Gbit/s~28.1 Gbit/s It supports unidirectional transmission of 8-channel services with any rate within 25.6 Gbit/s~28.1 Gbit/s
Access Service Type	25G Service
Interface	Support 8 pluggable optical port of SFP+

Feature: > Support 3R > Support C band C/DWDM WL > Board with 1 Slot

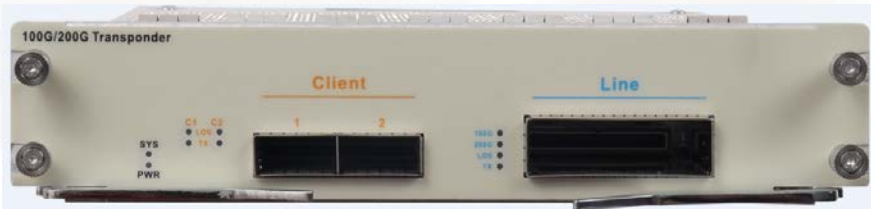
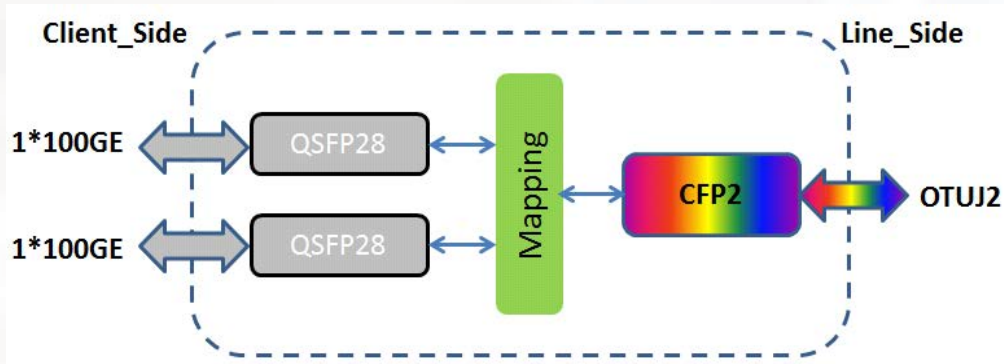
BD-OEO10G: 4x10G Service Access Card

Product Model	BD-OEO10G
Basic Function	<ul style="list-style-type: none"> It supports bidirectional transmission of 4-channel services with any rate within 1.25 Gbit/s~11.3 Gbit/s It supports unidirectional transmission of 8-channel services with any rate within 1.25 Gbit/s~11.3 Gbit/s
Access Service Type	<ul style="list-style-type: none"> GE, 10GE, STM-16/64, FC 1G/2G/4G/8G/10G, FICON, FICON Express, ESCON CPRI: 1.23/2.46/6, 14/9.83 Gbit/s, OTN: OTU2, OTU2V
Interface	Support 8 pluggable optical port of SFP/ SFP+



Transponder: 200G Coherent communication

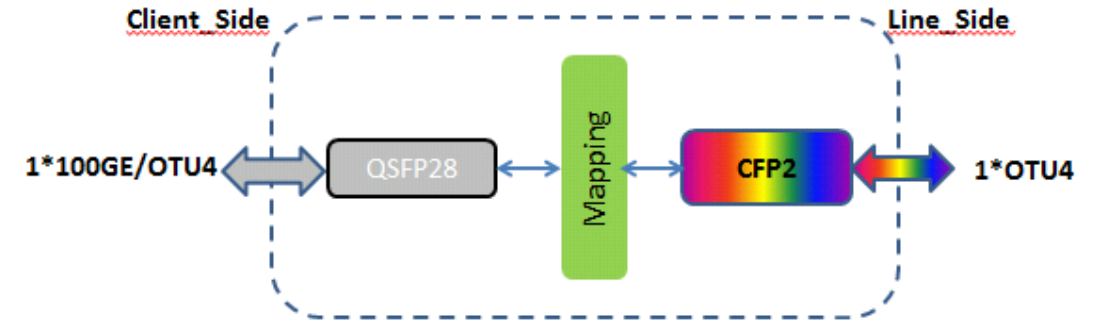
BD-OTU200G:200G DCO



Features:

- Supports 3R
- Supports C band DWDM wavelength
- Maximum capacity of single fiber is 19.2T

BD-OTU100G:100G DCO



Product Model	BD-OTU200G
Basic Function	Support 2-channel 100G transparent transmission and can convert 2-channel 100G service signal into 2*OTU4 optical signals of a standard DWDM wavelength
Access Service Type	100G Ethernet or 100G OTN
Client-side Interface	Support 2 pluggable optical port QSFP28, with LC type interface
Line-side Interface	Support 1 pluggable optical port CFP2, with LC type interface

Product Model	BD-OTU100G
Basic Function	Support 1-channel 100G transparent transmission and can convert 1-channel 100G service signal into a OTU4 optical signals of a standard DWDM wavelength
Access Service Type	100G Ethernet or 100G OTN
Client-side Interface	Support 1 pluggable optical port QSFP28, with LC type interface
Line-side Interface	Support 1 pluggable optical port CFP2, with LC type interface

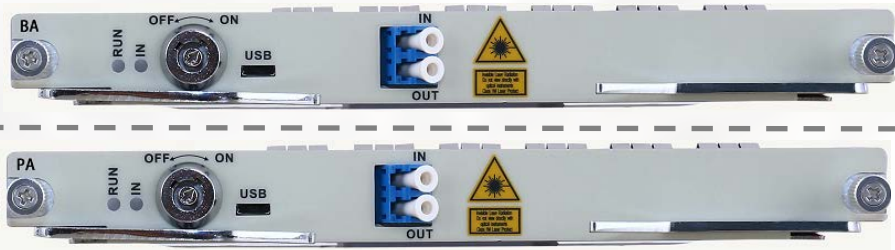
Amplifier Card

Booster Amplifier

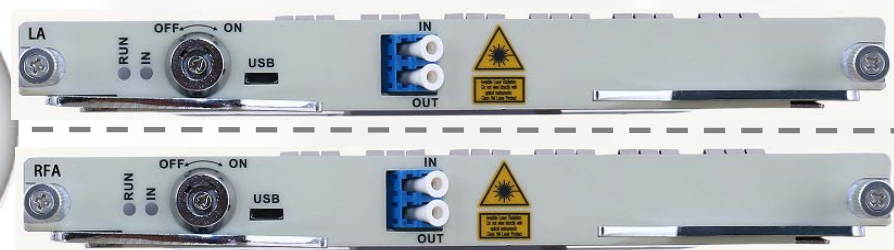
Wavelength Range	1529~1561nm
Saturation output power	20~22dBm
Input Power	-22~+8dBm
Gain	10~20dB
NF	< 6dB
Flatness	< 1.5dB

Line Amplifier

Wavelength Range	1529~1561nm
Saturation output power	20~22dBm
Input Power	-32~0dBm
Gain	20~30dB
NF	< 6dB
Flatness	< 1.5dB



Amplifier



Wavelength Range	1529~1561nm
Saturation output power	16~20dBm
Input Power	>-32dBm
Gain	20~30dB
NF	< 6dB
Flatness	< 1.5dB

Pre-Amplifier

Wavelength Range	1529~1561nm
Pump wavelength	1425~1505nm
Pump output power	< 1W
NF	-3dB
Gain	10dB

Raman Amplifier

OLP Card



OLP

1+1

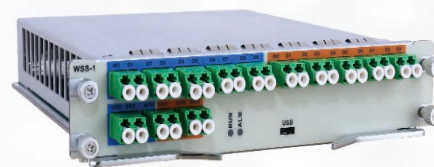
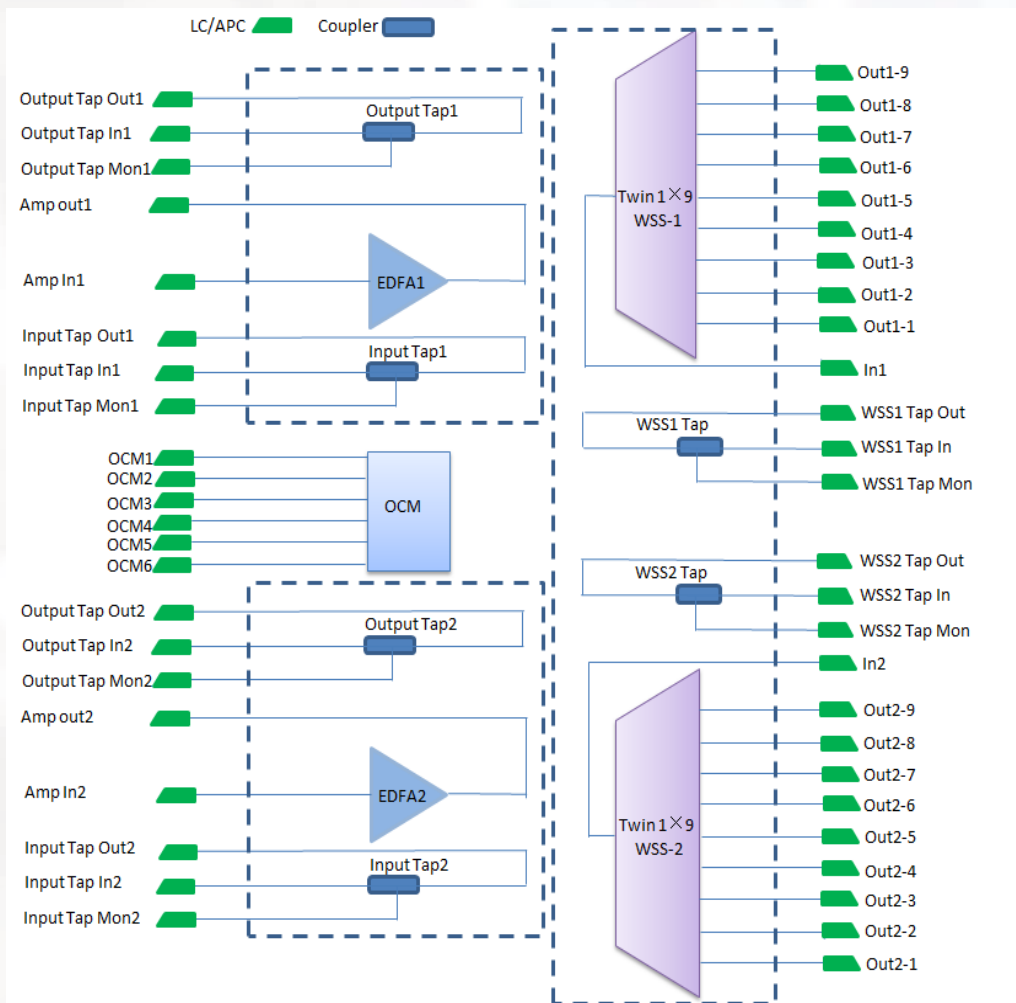


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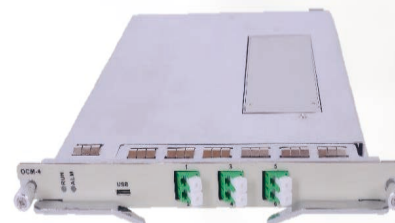
Parameter	Unit	Index	
		1+1	1:1
wavelengthRange	Nm	1260~1360 /1460~1640	
Switch time	Ms	<20	<40
Insertion Loss	dB	<5	<3
Consumption	W	<3	<3
Interface		LC/PC	LC/PC
Occupied slot number		1	1

OPEN ROADM Solution



WSS板卡
WSS board

- 支持2路9维度
Support 2 channel 9 dimensionality
- 支持网管远程配置
Support NMS remote configuration



OCM板卡
OCM board

- 支持6个光方向
Support 6 optical direction
- 单方向支持80/96波光功率监控
Single direction support 80/96 channel power monitoring



PA板卡
PA board

- PA放大器，增益可定制 PA amplifier, Gain customized available
- NF<3.5dB