

Overviews

PON WDM is built in well-performed CWDM . Integrated 1490/1310 data stream from the OLT and ONU into single fiber transmission through EDFA . Adopt GPON/GEPON signal



EDFA-8*XX-WDM
8 port EDFA con WDM



EDFA-16*XX-WDM
16 port EDFA con WDM



EDFA-32*XX-WDM
32 port EDFA con WDM



EDFA-64*XX-WDM
64 port EDFA con WDM

Feature

- 1540~1563nm operating bandwidth
- Output ports :16~64 optional , total up to 2W
- Each output ports with WDM . 1310/140/1550nm single fiber . XPON Adopt .
- APC,ACC,ATC controlled selection
- Efficient space , flexible installation and easy operation.
- Power RS232 supervisory instruction . Excellent P/P ration .

Specification

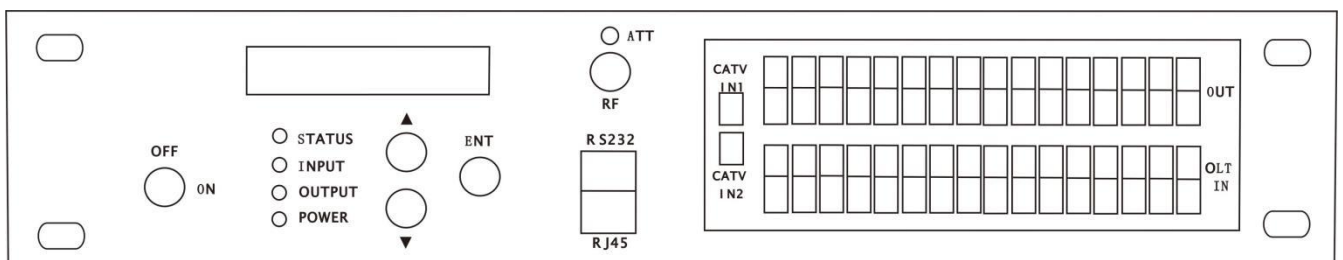
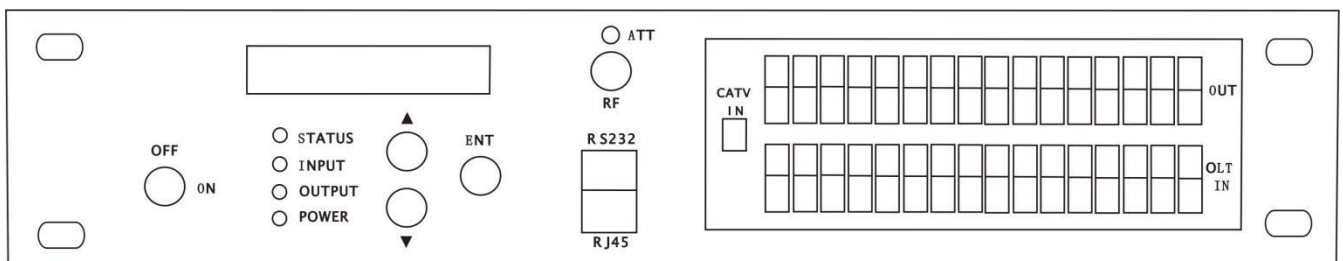
Items	parameter									
Output (dBm)	31	32	33	34	35	36	37	38	39	40
Output(mW)	1250	1600	2000	2500	3200	4000	5000	6400	8000	10000
Input (dBm)	-8~+10									
Range of output adjustment (dBm)	Up 0.5、down 4.0									
Wavelength (nm)	1530~1565									
Output stability(dB)	<±0.3									
Optical Return Loss(dBm)	≥45									
Fiber Connector	FC/APC、SC/APC									
Noise Figure (dBm)	<6.0(input 0dBm)									
Web port	RJ45(SNMP)									
Power Consumption (W)	≤80									
Voltage (V)	220VAC(90~265)、-48VDC									
Working Temp	-0~55									
Size (mm)	370(L)×486(W)×88(H)									
NW (kg)	13.0									

Power Information

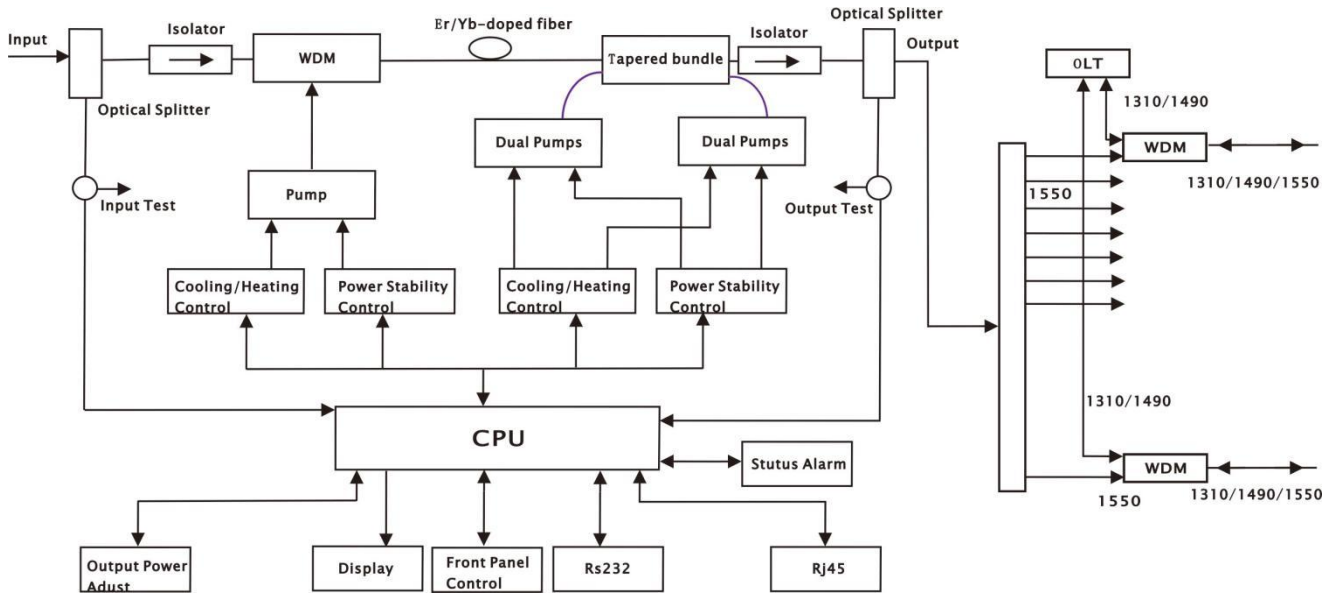
Total Output (dBm)	Total Output (mW)	No. of Output	Each Output (dBm)
31	1250	8	20.0
		16	16.5
32	1600	8	21.0
		16	17.5
33	2000	8	22.0
		16	18.5
		32	15.0
34	2500	8	23.0
		16	19.5
		32	16.0
35	3200	8	24.0
		16	20.5
		32	17.0

36	4000	16	21.5
		32	18.0
37	5000	16	22.5
		32	19.0
		64	15.5
38	6300	16	23.5
		32	20.0
		64	16.5
39	8000	32	21.0
		64	17.5
40	10000	32	22.0
		64	18.5
		128	15.0
41	12500	32	23.0
		64	19.5
		128	16.0

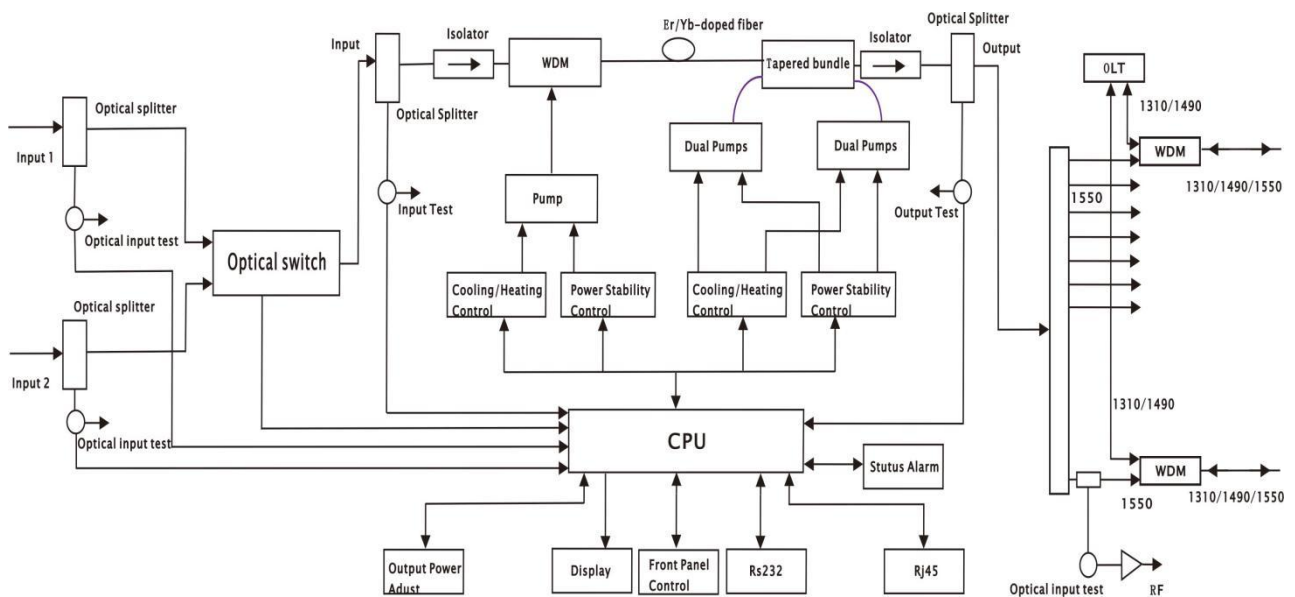
Front Panel



Single Input Model



Dual Inputs Model



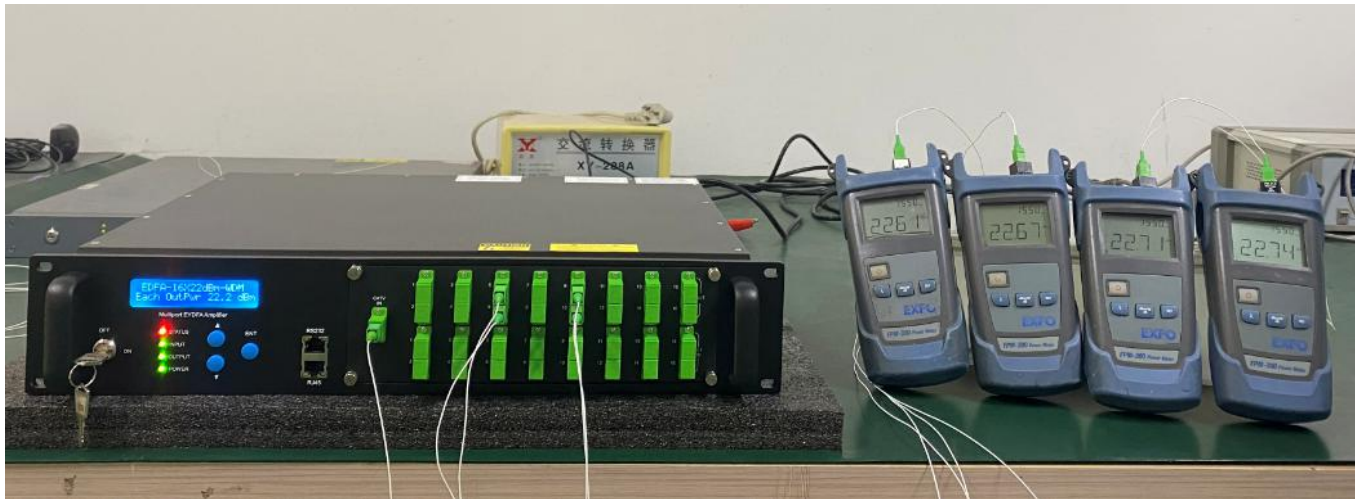
EDFA-XXdBm-WDM

1550nm HIGH POWER OPTICAL AMPLIFIER




DATASHEET/JAN 2018 HFC Optical Network Series

Our QC team do second test for every EDFA



Support WEB



SNMP Agent WEB Manager

Alarm Status

Index	Parameter Name	Alarm Status
1	Output optical power	Nominal
2	Input optical power	Nominal
3	Power Supply 1	Nominal
4	Power Supply 2	Nominal
5	Internal Temp	Nominal
6	Pump1 BIAS	Nominal
7	Pump2 BIAS	Nominal
8	Pump1 TEC	Nominal
9	Pump1 Temp	Nominal
10	DC +5V	Nominal

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We produce a wide selection of network equipment under HONDAO brand . Gather thousands of products ,which are supplier to customs of different filed and different requirement . QC team test all goods before shipment . We screen the Chinese supplier in a search of the most efficient product solutions available to satisfy your individual needs.