

## FTTx PON Optical Fiber Amplifier (EYDFA-W-2RU)



### Features

- This product is a low noise, high performance, FTTP high power, multi-ports optical amplifier .Each output port for optical amplifier has built-in well-performed CWDM(1310nm/1490nm/1550nm).
- Optical amplifier can be compatible with FTTX PON Technology. It is a cost-effective product for three-network integration and Fiber to the Home.
- It adopts the world's top class pump laser to ensure product quality and stability.
- Perfect APC, ACC and ATC control, excellent design in the ventilation and heat-dissipation ensure the long life of pump laser.
- Good stability, VFD or LED displays the working conditions, good trouble alarm system.
- RJ45 port for SNMP remote management. RS232 for local management.
- Optional dual optical input, built-in 2 × 1 optical switch.
- Optional RF detection function.
- Power supply 90V~265VAC or -48V DC for the user' s choice.
- Total output power up to 41dBm (13000mW),offers 64 optical outputs at most, 64pcs OLT-IN ports.

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# OLAH-1550W-2RU

## Product series

Total Output ( dBm )	Total Output ( mW )	No. of Output	Each Output ( dBm )
31	1260	32	12.2
32	1600	32	13.2
33	2000	32	14.2
34	2500	32	15.2
35	3200	32	16.2
36	4000	16	20.7
		32	17.2
37	5000	32	18.2
		64	14.7
38	6300	32	19.2
		64	15.7
39	8000	32	20.2
		64	16.7
40	10000	32	21.2
		64	17.7
41	13000	32	22.2
		64	18.7

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# OLAH-1550W-2RU

## Parameters

Items	Unit	Parameters	Remarks
Output Power	dBm	33 ~ 41	16 ~ 128 Outputs
Output Power	mW	2000 ~ 13000	16 ~ 128 Outputs
Input Power	dBm	-3 ~ 10	
Wavelength	nm	1540 ~ 1563	
Output Power Stability	dB	<±0.2	
Bias Oscillation Sensitivity	dB	<0.2	
Bias Oscillation Dispersion	PS	<0.5	
Optical Return Loss	dB	≥45	
Fiber Connector		FC/APC、 SC/APC	LC/APC
Noise Ratio	dB	<5.0(0dBm optical input)	0dbm,@1550nm
Connector		RJ45	SNMP
Communication interface		RS232、 RS485	
Power Loss	W	50 ~ 100	Single
Working Voltage	V	220VAC(90 ~ 265)、	-48Vdc
Working Temp	°C	-5 ~ 55	ATP case
Storage Temp	°C	-20 ~ 85	
Size	mm	483(W)×280(D)×88(H)	2RU

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