

EDFA

1550H SERIES 1U/2U RACK, 8/16 PORTS PON+CATV, EDFA COMBINER, OUTPUT POWER: 27~40dBm

Features

- ◆ High quality: adopt 980nm as a small signal to amplify in front, back adopt multimode 980nm large power pump laser, power is optimized reasonably by software, can most unlimitedly reduce NF of EDFA, it is comparable with EDFA. The feature can make system achieve excellent CNR.
- ◆ Flexibility: output optical power can be adjusted, rang from 0--3dB. User need instruction when booking. Module is plug in type, convenient match with the third chassis.
- ◆ Smart type: the model in-set CPU, operation data can CPU communication with third party though 30 parallel lines output.



Technical

No.	Item	Unit	Parameter	Remark
1	Output optical power	dBm	27~33	1U
2	Output optical power	mW	27~40	2U
3	Input optical power	dBm	-3~10	
4	Optical wavelength	nm	1540~1565	
5	Output optical power stability	dB	<±0.2	
6	Polarization Sensitivity	dB	<0.2	
7	Polarization mode dispersion	PS	<0.5	
8	Optical return loss	dB	≥45	
9	Fiber connector		SC/APC, SC/PC	Or LC/APC
10	NF (0dBm, @1550nm)	dB	<5.0	
11	Main space communication connection		RS232	
12	Power Source	Vac	90~265	Or 30~72Vdc
13	Power loss	W	≤80	
14	Working temperature	°C	0~50	
15	Storge humidity	°C	-20~85	
16	Operation relative humidity	%	20~85	
17	Size	"	19*14.5*1.75	1U
18	Size	"	20*19*3.5	2U

