OPTICAL AMPLIFIER (EDFA)/WDM 1550nm HIGH POWER

Overview:

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



Features:

- 1540~1563nm operating bandwidth
- Output ports :16~64 optional, total up to 2W
- Each output ports with WDM, 1310/1490/1550nm single fiber. XPON Adopt
- APC, ACC, ATC controlled selection
- Efficient space, flexible installation and easy operation
- Power RS232 supervisory instruction



Specifications

1. Optical Characteristics

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

2. Power Information

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