

1U EYDFA Amplifier

8*21DB with WDM



I. Features

- (1) Output adjustable by buttons in the front panel or web manage, the range is 0~5dBm.
- (2) Maintenance function of one-time downward attenuation of 6dBm by buttons in the front panel, to facilitate the optical fiber hot-plug operation without turn off The device.
- (3) Multi-ports output, can built in 1310/1490/1550WDM.
- (4) RJ45 port enables remote monitoring and management of devices on WEB pages and USB port facilitates device upgrade
- (5) The laser turn on/off by locks keys in the front panel.
- (6) Adopts JDSU or Oclaro Pump laser.
- (7) Led displays the working condition of the machine.
- (8) Dual power Cold backup, 110V\220V AC supply for choice.

II. Installation

Before installation

1. Please check if there is damage in outside of the machine.

2. Please check the spare parts is complete or not, if not complete, please contact us.

Installation

1. When multiple devices are installed, at least about 1.75 inches(about4.5cm) of space should be reserved between the devices,to facilitate ventilation and heat dissipation Of equipment.
2. Please check the power supply socket and the grounding of the power supply, the grounding Impedance should $\leq 4\Omega$, 220V power supply should be with three cables and the grounding cable should be in the middle, Unfitted grounding will damage the device or influence the signal quality.
3. Please make sure the power supply switch to off in the rear panel.
4. Please confirm the fiber port is clean before connection the fiber.

III Set and Operation

MAIN Parameters

Items	Parameter									
	25	26	27	28	29	30	31	32	33	34
Output (dBm)	25	26	27	28	29	30	31	32	33	34
Output (mW)	320	400	510	640	800	1000	1250	1600	2000	2500
Input (dBm)	-8/-5 ~ +10									
Range or output adjustment (dBm)	5									
Wavelength (nm)	1540 ~ 1565									
Output stability (dB)	$<\pm 0.3$									
Optical return loss (dB)	≥ 45									
Fiber connector	FC/APC, SC/APC, SC/IUPC, LC/APC, LC/UPC									
Noise figure (dB)	< 6.0 (input 0dBm)									
Connector type	RJ45, USB									
Power consumption (W)	≤ 50									
Voltage (V)	110VAC, 220VAC									
Working temp (°C)	0 ~ 55									
Size (mm)	425(L)x482(W)x44(H)									
NW (Kg)	4.3									