



EDFA 32 Ports 20DB with WDM and 1550 Port for CATV

PN: BSED32-20

This Broadstick EDFA 32 Ports is 2U rack-mounted device allows mixing 1550 wavelength CATV fiber optic transmission with OLT ports 1310 and 1490 to the splitters

This solution meets the requirements in device performance and size of compact server room as the product has high performance and compact size, is convenient and flexible to use, and provides easy CATV over fiber network deployment.

Details

Type	EDFA 32 Ports	Output	20Db
MODE	WDM	Fiber Input Ports	SC/UPC
1550 Fiber Port	SC/APC	Fiber Output Ports	SC/APC
Rack Mount	2U 19-inch standard	Power Supply	220V(110~265V/50Hz)



Features

- Output adjustable by buttons in front panel or via web manage (Range is 0~5dBm).
- Multi-ports output, can built in 1310/1490/1550WDM.
- Maintenance function of one-time downward attenuation of 6dBm by buttons in front panel.
- RJ45 port enables remote monitoring and management.
- Lock keys to enable laser and disable.
- Led displays the working condition of the equipment
- Optional Dual power hot-plug power supply.

For more information please contact sales@broadstick.com

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Parameters

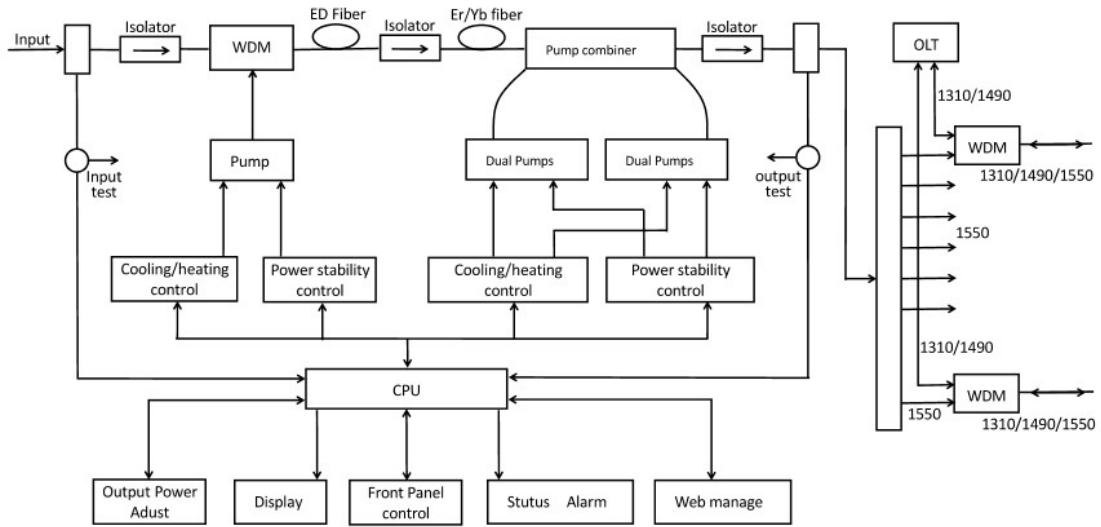
Operating wavelength (nm)	1540~1565
Input optical power(dBm)	-10~+10
Nominal input optical power (dBm)	+3
Noise figure (dB) (+3 dBm,@1550nm)	5.0~6.0
Gain flatness(dB)	<±0.3
Stability of output optical power (dB)	<±0.5
Polarization sensitivity (dB)	<0.2
Polarization modal dispersion (ps)	<0.5
Optical connector (IN)	SC/APC
Optical connector (out)	SC/APC; SC/PC (LC/APC; LC/PC)
Pump work quantity (N)	1~5
Saturated output power (dBm)	maximum total output power 30~40
Power supplies (Vac)	115~265(draw-out plug)
Power supplies (Vdc)	-48(draw-out plug)
Operating temperature (°C)	0~50
Size (mm)	2U(88×482.6×387)/3U(128×482.6×387)
WDM-PON with optical path	
PON port operating wavelength (nm)	1310/1490
PON port insertion loss (dB)	<1
1550nm port insertion loss (dB)	<0.5
Optional items:	
* The front panel RF-TEST standard level (dBuV)	80±5
* Front panel 5V DC maximum output current (A)	2
* optical switch switch time (ms)	<10

* is optional, factory.

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Diagram



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