



FEATURES

- Built-in WDM for Xpon
- +19 dBm Output Power Per Port
- Up to +37dBm Total Output Power
- NF of 4.5dB
- Supports SNMP
- 1RU and 2RU

OVERVIEW

The Multiport High Power Optic Amplifier MYA series adopt EDFA and YDFA Technologies, Gain:13-26dB employs the EDFA technology, Gain more than 26dB uses the YDFA. This series' Max.high power is up to +37dBm (Total Power) and up to 64-Output ports, Gain: 19dBm output Per Ports (32 Ports). This series are able to conveniently be deployed in Xpon network to deliver the Video (Analog, QAM) business to achieve the tri-play network, because inside of this Housing equipped WDM multiplexers for each output Ports, they redirect the 1310/1490nm wavelengths, which carry the Data package from OLT, and then add the 1550nm wavelength together output through each output ports.

This Multiport High Power Optic Amplifier MYA employs Multimode Pump laser, high Performance WDM, Isolator, Er/Eb double-clad, large-core fiber technologies to achieve the high output power in conjunction with low cost. The automatically cooling system offers a best working environment; ensure this whole unit breezily operates without interrupt.

SPECIFICATIONS

Number of Ports	4,8,10,12,14,16 and 32
Type of output interfaces	SC/APC (6,8,10,12,14,16,32)
Output Power Per Ports, dBm	16 to 21 (Non-CWDM) @ 32Ports 15 to 20 (Built-in CWDM) @ 32Ports
Port to Port Variation, dB	0.5
Operating Wavelength range, nm	1540 to 1560
Composite Input Power Range, dBm	-5 minimum, 10 maximum
Noise Figure (Pin=0dBm), dB	4.5 to 5
PDL, dB	0.3
PMD, ps/nm	0.3
PDG, dB	0.4
Isolation between Input and Output, dB	30
PPL(Pump Power Leakage), dBm	-30
Return Loss, dB	55
Power supply	90 to 265 (220VAC) 30 to 72 (-48VDC)
Power Consumption, W	50 to 150

Mechanical Specifications

Dimensions, inch	19x15x1.75
	19x20x3.5

Environmental Specifications

Working temp, °C	0 to 65
Relative Humidity, %	5-95
Storage temp, °C	-40 to 80

ORDER INFORMATION

P/N	Description
CED-2332	EDFA 23DB 32 PORTS WITH WDN