



Multi-output Optical Amplifier

MEDUSA Series



Description

The MEDUSA series is ConsteleX low-noise optical fiber amplifier with multiple output ports for use in point-to-multipoint architectures and where high signal splitting is required.

The multi-output amplifier is offered in a 3U 19" rack-mount enclosure and includes LCD and LED indicators for emission and amplifier status as well as optional RS-232 interface. The MEDUSA can also be offered with redundancy option or in different housings.

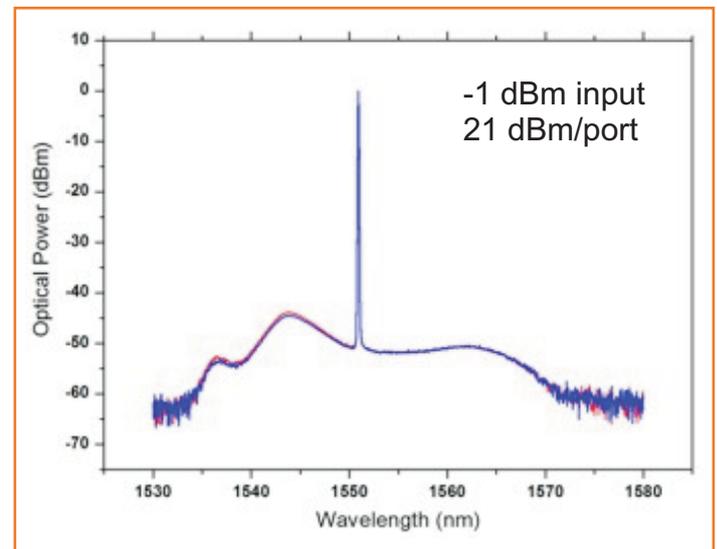
Specifications

MEDUSA Series			
Specification	Value	Units	Notes
Input wavelength range	1535-1565	nm	
Number of ports	up to 64		depending on customer requirements
Output power per port	16 - 30	dBm	
Input Power	0 to +10	dBm	
Small Signal Gain	< 40	dB	
Noise Figure (NF)	< 6	dB	Pin = 0 dBm @1555 nm
Environmental Conditions			
Operating Temperature	15 - 35	°C	Extended specs available
Storage Temperature	-20 to +60	°C	
Humidity	0 - 95 %		
Electrical & Mechanical Specifications			
Operating Voltage	85 - 264	VAC	@ 47-63 Hz
Power Consumption	< 60	W	
Dimensions	132.5 x 446 x 254.5	mm	2U also available
Ordering Information			
Order Code: MEDUSA-XX--YY-LC/APC		XX: port no, YY: power/port	
Other connectors available upon request			
All information is accurate and subject to change without notice.			

Applications

- Passive Optical Networks
- CATV
- Analog transmission
- Photonics R&D

Typical Performance MEDUSA-6-2 I



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LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
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thinking outside the box