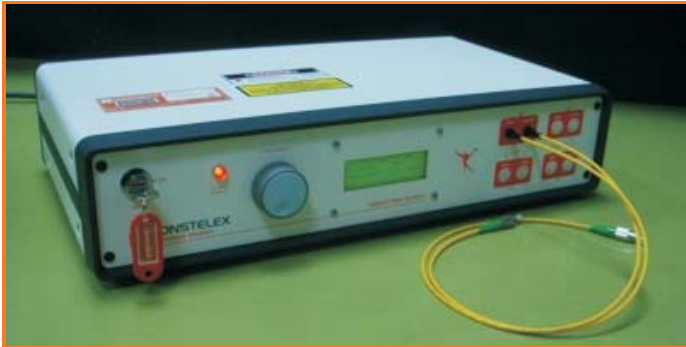




Booster Optical Fiber Amplifier

CENTAURUS-MID Series



Description

The CENTAURUS-MID series is Constelex booster amplifier family for applications where high power and low noise performance is required. The amplifier design provides high gain combined with low noise figure and can accept moderate input power levels.

The standard CENTAURUS-MID version is offered in 19" benchtop enclosure with a simple control interface that includes indicators for emission status and current and a supply on/off switch, a laser on/off key-switch and pump current control.

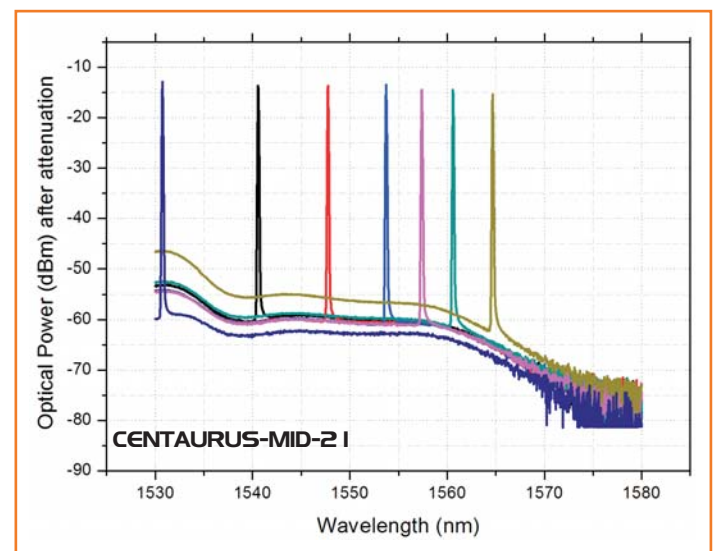
Specifications

CENTAURUS-MID Series			
Specification	Value	Units	Notes
Input wavelength range	1528-1565	nm	
Saturated Output Power	17-23	dBm	Pin = -6 dBm
Input Power	-10 to +6	dBm	
Small Signal Gain	< 27	dB	
Noise Figure (NF)	< 4	dB	Pin = -6 dBm @1550 nm
Environmental Conditions			
Operating Temperature	15 - 35	°C	
Storage Temperature	-20 to +60	°C	
Humidity	0 - 95 %		
Electrical & Mechanical Specifications			
Operating Voltage	85 - 264	VAC	@ 47-63 Hz
Interface	Front panel		
Power Consumption	< 40	W	
Dimensions	47 x 27 x 10	cm	
Ordering Information			
Order Code: CENTAURUS-MID-XX-FCAPC		XX: O/P (dBm)	
Other connectors available upon request.			
All information is accurate and subject to change without notice.			

Applications

- Photonics R&D
- Product testing
- Optical networks
- Optical transmission

Typical performance



**LASER RADIATION
AVOID EXPOSURE TO BEAM
CLASS 3B LASER PRODUCT**



thinking outside the box