



In-line Low-noise Optical Amplifier

TAURUS - C Series

tailor-made
Design your
AMPLIFIER



Specifications

TAURUS - C - Series			
Specification	Value	Units	Notes
Input wavelength range	1530-1565	nm	
Saturated Output Power	16 - 23	dBm	mid-stage access available if required
Input Power Level	-30 to -10	dBm	depending on customer requirements
Noise Figure (NF)	3.5 to 4.5	dB	depending on customer requirements
Environmental Conditions			
Operating Temperature	15 - 50	°C	
Storage Temperature	-20 to +60	°C	
Humidity	0 - 95 %		
Electrical & Mechanical Specifications			
Operating Voltage	85 - 264	VAC	@ 47-63 Hz
Interface	Serial		RS-232 & GUI
Power Consumption	< 40	W	
Dimensions	47 x 27 x 10	cm	
Ordering Information			
Order Code: TAURUS-C-X-Y-FCAPC		X: I/P power, Y: O/P power	
Other connectors available upon request			
All information is accurate and subject to change without notice.			

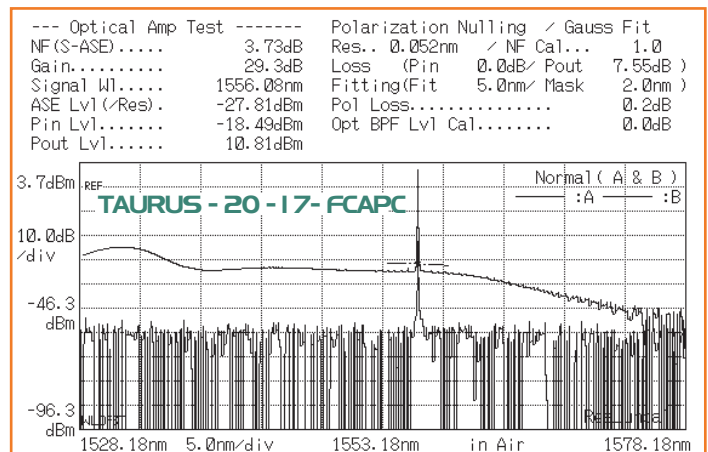
Description

The TAURUS series is ConsteleX low-noise multi-stage Erbium-doped fiber amplifiers that can offer low input power levels combined with high saturated output powers. The TAURUS can be customized according to customer specifications in terms of output power, gain, noise characteristics, wavelength operation, gain flatness and number of mid-stage access taps for optimum system design. Each stage can be tailor-made according to the optical loss of each component or sub-system used. All amplifiers are packaged in user-friendly benchtop enclosures. The product includes on/off key switch and current control for adjusting the emission status and pump current of the amplifiers. The front panel allows for monitoring the emission status, pump current and temperature. Serial interface and easy-to-use software with GUI allows for remote monitoring and control of the amplifier.

Applications

- Photonics R&D
- Optical Signal Processing
- Optical Networks
- Transmission Testbeds

Typical performance



LASER RADIATION
AVOID EXPOSURE TO BEAM
CLASS 3B LASER PRODUCT



thinking outside the box

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