



In-line Low-noise Optical Amplifier

TAURUS - L Series

tailor-made
 *Design your*
AMPLIFIER



Specifications

TAURUS - L - Series			
Specification	Value	Units	Notes
Input wavelength range	1565-1605	nm	
Saturated Output Power	13 - 21	dBm	mid-stage access available if required
Input Power Level	-20 to +0	dBm	
Small Signal Gain	>30	dB	
Noise Figure (NF)	4.5 - 5.5	dB	Pin = -20dBm
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-L-Y-FCAPC		Y: O/P power	
Other connectors available upon request			
All information is accurate and subject to change without notice.			



L A S E R R A D I A T I O N
A V O I D E X P O S U R E T O B E A M
C L A S S 3 B L A S E R P R O D U C T

Description

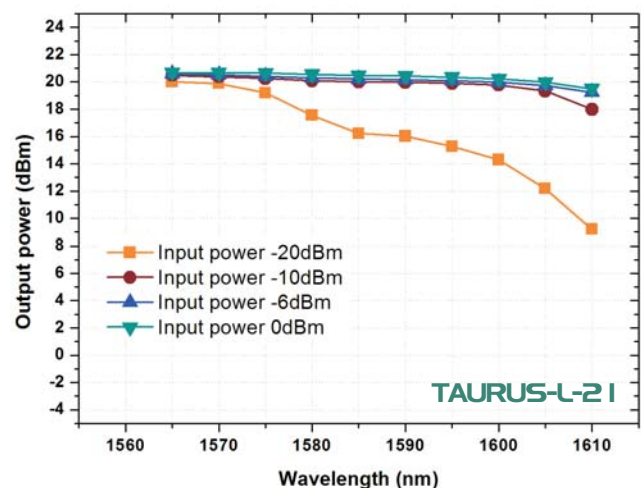
The TAURUS series is Constelex low-noise multi-stage Erbium-doped fiber amplifiers that can offer low input power levels combined with high saturated output powers. The TAURUS can be customized according to customer specifications in terms of output power, gain, noise characteristics and wavelength operation.

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
- Test & Measurement
- Optical Networks
- Transmission Testbeds

Typical performance



thinking outside the box