

High Power Erbium-Doped Fiber Amplifier Unit

AMP-CEFA-00-HP-U

Features

- * Bench-top package with strap-handled
- * High saturated output power
- * Input and output signal monitoring
- * Front panel LCD display and status LED indicators for quick access of unit's status
- * RS-232 for local supervision.
- * Optional reflection shutdown function

Applications

- * Analog/digital CATV transmission system
- * Distributed or PON system
- * Instrumentation
- * Sensing system

Description

GIP Technology High Power Erbium Double-Cladding Fiber Amplifier Unit (AMP-CEFA-00-HP-U) is designed for use in the high-power single-channel applications. This series incorporates a special, unique, and flexible structure to produce maximum signal gain and saturated output power while minimizing noise figure. The bench-top package size serves the area size, can be used in the components or sub-assembly manufacturing as well as research and development (R&D) environments.



GIP Technology Corporation

6F., No. 112, Xinmin St., Zhonghe Dist.,
New Taipei City 235, Taiwan (R.O.C.)
T:+886-2-8226-7855 www.giptek.com
F:+886-2-8226-7955 sales@giptek.com

Specifications

Optical Information		Unit	Description				
Control mode			APC				
Saturated output power ^{*1}		dBm	30	33	37	40	43
Operating wavelength range		nm	1540 ~ 1565		1545 ~ 1565		
Input power range		dBm	-5~ +10				
Noise figure ^{*2}		Max. dB	6				
Polarization			Random or Linear				
Polarization extinction ratio ^{*3}		Min. dB	20		17		
Connector			FC/APC				
Electrical Information							
Operating voltage		Volt	100~240 VAC				
Pump LD ON/OFF switch			Key				
Control interface			RS232				
Environmental Information							
Operating ambient temperature		°C	0 ~ 40				
Storage temperature		°C	-10 ~ 70				
Relative humidity (non-condensing)		%	5 ~ 85				
Mechanical Information							
Dimension		mm	250 x 390 x 100 2RU 3RU				

*1. Saturated power is composed of optical signal and ASE power.

*2. @Pin=0dBm

*3. For PM type