

Single-Frequency Erbium-Doped Fiber Amplifier Unit

AMP-CEFA-SF-00-U

Features

- * High output power up to 42 dBm
- * Single frequency application
- * Bench-top package with strap-handled
- * High and stable saturated output power
- * RS-232 for local supervision

Applications

- * Coherent beam combining
- * Detection system
- * Sensing

Description

GIP Technology Single-Frequency Erbium-Doped Fiber Amplifier Unit (AMP-CEFA-SF-00-U) is designed for use in the single-frequency and high-power applications. These series incorporate a special, unique, and flexible structure to produce maximum signal gain and saturated output power. In addition, these units also provide a user-friendly status monitoring via an LED indicators and communication interfaces (RS-232).



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

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Specifications

Optical Information		Unit	Description				
Saturated output power		dBm	20	27	33	37	42
Operating wavelength range		nm	1530 ~ 1565		1540 ~ 1565		1545 ~ 1565
Linewidth	Max.	KHz	100				
Input power range		dBm	0 ~ +10				
Connector			SC, FC or collimator				
Electrical Information							
Operating voltage		Volt	100~240 VAC				
Pump LD ON/OFF switch			Key				
Control interface			RS232				
Environmental Information							
Operating ambient temperature		°C	0 ~ 35				
Storage temperature		°C	-10 ~ 70				
Relative humidity (non-condensing)		%	5 ~ 85				
Mechanical Information							
Dimension		mm	250 x 390 x 100	2RU		3RU	