

Features

- * Optically isolated input and output ports to minimize system susceptibility due to connector reflections
- * 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

Applications

- * Analog video transmission systems
- * High speed transmission systems
- * Components or manufacturing Sub-assembly test

Description

GIP Technology Erbium-Doped Fiber Amplifier Unit (AMP-CEFA-00-00-U) is designed for using in the single-channel applications. These series incorporate a special, unique, and flexible structure to produce maximum signal gain and saturated output power while minimizing noise figure. 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

Specifications

Optical Information		Unit	Description		
			Booster	In-line	Pre
Control mode			APC		
Operating wavelength range		nm	1528~1564		
Input power range		dBm	-10 ~ +10	-20 ~ 0	-30 ~ -10
Saturated output power*1	Max.	dBm	25	25	17
Signal gain	Max.	dB	25	30	40
Noise figure	Max.	dB	5.5	5.5	5
Polarization			Random or Linear		
Polarization extinction ratio *2	Min.	dB	20		
Return loss	Min.	dB	45		
Connector			SC or FC		
Electrical Information					
Operating voltage		Volt	100~240 VAC		
Pump LD ON/OFF switch			Key		
Control interface			RS232		
Environmental Information					
Ambient temperature		°C	0 ~ 50		
Storage temperature		°C	-20 ~ 80		
Relative humidity (non-condense)		%	5 ~ 85		
Mechanical Information					
Dimension			250 x 390 x 100		

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

*2. For PM type