

## Features

- \* Bench-top package
- \* 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

## Applications

- \* Coherent beam combining
- \* Spectroscopy & Interferometry
- \* Sensing system

## Description

**GIP Technology** Ytterbium-Doped Fiber Amplifier Unit (AMP-YFA-00-00-U) is designed for use 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](http://www.giptek.com)  
F:+886-2-8226-7955 [sales@giptek.com](mailto:sales@giptek.com)

### Specifications

Optical Information		Unit	Description
Control mode			APC
Operating wavelength range		nm	1030~1080
Input power range		dBm	-10 ~ +5
Saturated output power*1	Max.	dBm	10 ~ 27
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. Other wavelength ranges are available

\*2. For PM type