

Features

- * Stable saturated output power
- * Input and output signal monitoring
- * RS-232 TTL for local supervision

Applications

- * Detection system
- * Sensing

Description

GIP Technology Ytterbium Doped Fiber Gain-Block Module (AMP-YFA-00-00-M) 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.

The unit serves as the minimal dimension designed and provides a user-friendly status monitoring via an electrical interface featuring RS-232 TTL for convenient access.



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Specifications

Optical Information		Unit	Description	
Control mode			APC	
Operating wavelength range*1		nm	1050 ~1080	
Input power range		dBm	0 ~ +10	+20 ~ +23
Saturated output power*2	Max.	dBm	18 ~20	33
Connector			SC, FC or collimator	
Electrical Information				
Operating voltage		Vdc	+5 / +12	
Control interface			RS232	
Environmental Information				
Operating case temperature		°C	0 ~ 65	
Storage temperature		°C	-20 ~ 80	
Relative humidity (non-condense)		%	5 ~ 85	
Mechanical Information				
Dimension (W x L x H)		mm	70 x 90 x15	185 x 135 x 30

*1. Other wavelength ranges are available.

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