

ACPGAT01-XX Amplitude Adjustable Desktop +30dBm C Band EDFA



ACPGAT01-XX Amplitude Adjustable +30 dBm C Band Desktop EDFA is a gain flattened PM desktop EDFA, with high reliability pump laser and utilizing Ytterbium-doped fiber amplification technology, with a maximum saturated output power of 1W(+30dBm).

Its unique APC (Automatic Power Control) and ATC (Automatic Temperature Control) circuits ensure high stability of output power, and unique optical circuit design ensures excellent optical performances. The control, adjustment and monitor functions are intelligent and user-friendly. RS232 port is also included.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Model #	ACPGAT01
Wavelength Range	1540 ~ 1565nm
Saturated Output Power	30dBm (Max.) (Optional)
Output Power Adjustable Range	10dB (Max.)
Input power	-3dBm (Min.), +10dBm (Max.)
PER	20dB (Typ.)
Noise Figure	5dB (Typ.), 5.5dB (Max.)
Output Power Stability	±0.05dB (Typ.), ±0.1dB(Max.)
Return Loss	45dB (Min.)
Polarization Mode Dispersion	0.5ps (Max.)
Polarization Dependent Gain	0.3dB (Max.)
Fiber Type	PM
Interface	FC/APC (Optional)
Power Consumption	30W (Max.)
Power Supply	100 ~ 240V
Working Temperature	-5 ~ +60°C
Working Humidity	10 ~ 85%
Storage Temperature	-40 ~ +85°C
Storage Relative Humidity	5 ~ 95%
Package Dimensions (HxWxD)	112mm x 260mm x 280mm

FEATURES

- Low Noise Figure
- Covering Full C-band
- Nonlinear Effect Suppression
- High Stability and Reliability
- Compatible with Telcordia GR-1312-CORE
- Easy to use: LCD Display, Output Power Adjustment Knob
- RS232 Port for control and communication

APPLICATIONS

- Receiver Protection
- Fiber Optical, Telcom R and D Lab Test
- DWDM Transmission Systems

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MECHANICAL DIMENSIONS

