

High Power EDFA

In addition to our Specialty EDFA systems, Calmar Optcom is now offering high power erbium-doped fiber amplifiers (AMP-ST) in response to industrial and R & D applications.

AMP-ST can provide up to 37 dBm saturated optical power. It has RS232 and GPIB communication interfaces. The control panel includes pump laser current control, optical output power control, and automatic gain control. AMP-ST is robust, and is easy to configure and operate.

AMP-ST is an ideal tool for applications where very high power is required. With its wide range of amplifiers, Calmar can customize solutions that closely fit your test requirements.



- Nominal gain 25 – 35 dB
- Saturated output power up to 37 dBm
- Wavelength range 1530 – 1565 nm
- Input power range from -25 to 10 dBm
- Low noise figures
- Easy configuration and operation
- Long term stability

Technical Specifications – Dispersion Compensated EDFA series

Model Number	AMP-ST-27	AMP-ST-30	AMP-ST-33	AMP-ST-37
Saturated Output Power (dBm)	27	30	33	37
Input Power Range (dBm)	-3 ~ 3	-3 ~ 3	0 ~ 3	0 ~ 3
Wavelength (nm)	1535 ~ 1565	1530 - 1565	1535 ~ 1565	1540 ~ 1570
Typical Noise Figure (dB)	5.5	5.5	6.0	6.0
Operating Voltage (V)	85 - 264 AC			
Dimension (cm)	33 X 25 X 12			
Operating Temperature (C°)	0 ~ 50			
Storage Temperature (C°)	-30 ~ 70			
Input/output Termination	SMF-28 fiber with FC/APC connectors (or customized)			

Specifications are subject to change without notice - 2/28/2005

Safety Information

The product complies with FDA radiation performance standards 21 CFR 1040.10 and 1040.11

