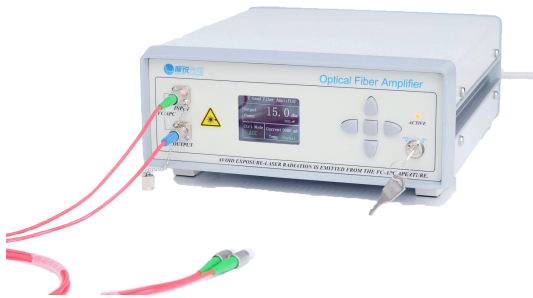


Erbium-doped Fiber Booster Amplifier for C-band

ERBIUM-DOPED FIBER AMPLIFIERS (EDFA)



Erbium-Doped Fiber Power Amplifier (abbreviated as BA Amplifier) is used to amplify optical signals within the power range of -6dBm to +3dBm or higher. It has a maximum saturated output power of 26dBm and is commonly used to increase the launch power of laser sources.

- Wide operating wavelength
- Fiber Communication
- High output power
- Fiber Sensing
- Low Noise
- Fiber Laser

Specifications

Parameter	Specification
Operating Wavelength (nm)	1530~1565
Input signal power (dBm)	-6~+3
Saturated output power (dBm)	15/17/20/23/25/26
Noise Figure (dB)	≤ 5.0
Polarization dependent gain (dB)	≤ 0.3
Polarization mode dispersion (ps)	≤ 0.5
Input/Output Isolation (dB)	>35
Optical power monitoring	Output Power
Optical fiber and connectors	SMF-28, FC/APC
Control Mode	Automatic current control (ACC)/ Automatic power control (APC)

* Operating Wavelength: C-band

* Saturated output power: @-3dBm Input

* Noise Figure: @-3dBm Input

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.