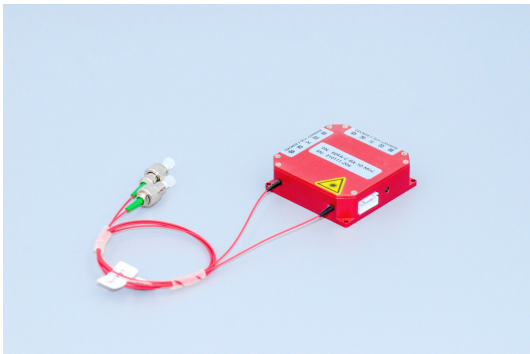


Erbium-doped Fiber Booster Amplifier Module in Micro Format

ERBIUM-DOPED FIBER AMPLIFIERS (EDFA)



The erbium-doped fiber power amplifier micro-module can be used for power amplification of laser signals within the wavelength range of 1530~1565nm. It adopts a unique miniaturized packaging design, featuring high gain, low noise, and small size, making it ideal for applications in confined spaces.

- Wide operating wavelength
- Fiber Communication
- Ultra-compact design
- Fiber Sensing
- Low Noise
- Fiber Laser

Specifications

Parameter	Specification
Operating Wavelength (nm)	1530~1565
Input signal power (dBm)	-6~+3
Saturated output power (dBm)	10/13/17/20/23
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.