

# Erbium-doped Fiber Booster Amplifier for L-band

## ERBIUM-DOPED FIBER AMPLIFIERS (EDFA)



The L-band erbium-doped fiber amplifier (EDFA) is a dedicated optical power amplifier product series specifically designed for fiber lasers or fiber-optic communication systems. With an operating wavelength range covering from 1570 to 1603 nm, it offers the advantages of high gain and low noise.

- Covering the L-band
- Fiber Communication
- High Gain
- Fiber Sensing
- High output power
- Fiber Laser

### Specifications

Parameter	Specification
Operating Wavelength (nm)	1570~1605
Input signal power (dBm)	-6~+3
Saturated output power (dBm)	15/17/20/23/25/26
Noise Figure (dB)	5.0
Extinction Ratio PER (PER) (dB)	≥23
Input/ Output Isolation (dB)	>35
Optical power monitoring	Output Power
Optical Fiber	PM1550
Fiber Connectors	FC/APC
Control Mode	Automatic current control (ACC)/ Automatic power control (APC)

\* Operating Wavelength: L -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.