

C+L Band Erbium-Doped Fiber Power Amplifier

ERBIUM-DOPED FIBER AMPLIFIERS (EDFA)



The C+ L-band erbium-doped fiber amplifier can amplify C-band and L-band optical signals simultaneously. The operating wavelength covers 1528~1563nm and 1570~1603nm. It can adapt to the signal light wavelength and provide low-noise and high-efficiency optical power amplification.

Specifications

Parameter	Specification
Wavelength range (nm)	1528 ~ 1563
Input power (dBm)	-6 ~+3
Saturated output power (dBm)	15/ 17/20/23/25/26/27
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 optical power monitoring
Pigtail type	SMF-28
Fiber pigtail joint type	FC/APC
Working mode	automatic current control (ACC)/Automatic Power Control (APC)

* wavelength range: 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.