

## Erbium Doped Fiber Amplifier (EDFA-BA) Series

EDFA-BA (Booster Amplifier) Series are installed after the optical transmitter to increase transmission distance for single wavelength optical transmission system. The products meet the Telcordia GR-1312-CORE.

### Features:

- Flexible monitoring interface
- Easy to be installed

### Applications:

- Optical transmission system
- SDH/SONET system

### Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1530		1565
Input optical power (Pin)	dBm	-6		3
Output optical power	dBm	13		18
Noise figure (Pin=0dBm)	dB		5.0	
Input return loss	dB		50	
Output return loss	dB		50	
Polarization dependent gain (PDG)	dB			0.3
Operation temperature	°C	0		50
Storage temperature	°C	-25		70
Power consumption	W			20
Dimension	mm <sup>3</sup>	530×202×100		

Power	-48V DC, 2:220V AC, 3:other
Input/Output	FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer specify
Output optical power	15dBm, <b>or</b> Customer specify