

Erbium Doped Fiber Amplifier (EDFA-PA) Series

EDFA-PA (Pre-Amplifier) Series are installed before the receiver to improve the receiving sensitivity, and extend signal transmission distance for single wavelength optical transmission system. The products meet the Telcordia GR-1312-CORE.

Features:

- Flexible monitoring interface
- Easy to be installed
- High ASE suppress ratio

Applications:

- Optical transmission system
- SDH/SONET system

Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1540		1560
Input optical power	dBm	-40	-35	
Optical gain	dB		20	
Noise figure	dB		4.0	4.5
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 ³	530×202×100		

Power	-48V DC, 220V AC, or other
Input/Output	FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer specify