

## EDFA-Preamplifier Amplifier



EDFA-PA 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

Long haul, Metro and Access networks  
 PDH/SDH system

### Specifications

Parameter	Unit	Min.	Typ.	Max.
Operation Wavelength	nm	1540		1560
Input Optical Power	dBm	-40	-35	
Small Signal Gain	dB		20	
Noise Figure	dB		4.0	4.5
Polarization Dependent Gain	dB			0.3
Operation Temperature	°C	0		+ 50
Storage Temperature	°C	-25		+ 70
Power Consumption	W			20
Dimension	mm	See ordering information		

### Ordering Information

Rated Gain	Wavelength	Filter bandwidth(nm)	Input/Output	Power	Dimension
20:20dB	155:1550nm	fixed filter: 0.8,1.6……6 variable filter: 20(1540~1560 tunable)	FC/PC, FC/APC LC/PC, MU/PC SC/PC, SC/APC Customer specifies	1:-48V DC 2:220V AC 3:other (2 only for PA with fixed filter)	1:530×200×100mm 2:483×200×100mm 3:483×230×43.5mm 4:530×200×50mm (3and4 only for PA with fixed filter)
Customer specifies					