



EDFA-PA series are installed before the receiver to improve the receiving sensitivity, and extend signal transmission distance.

The EDFA modules are Telcordia GR-1312-CORE qualified.

Features

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

Applications

- Long haul, Metro and Access networks
- PDH/SDH/SONET system

Specifications

Parameter	Unit	Value		
		Min.	Typ.	Max.
Operation wavelength	nm	Refer to the ordering information		
Input optical power	dBm	-40	-30	
Small signal rated gain	dB		20	
Noise figure(Pin=-35dBm)	dB		4.0	4.5
Input /Output return loss	dB		50/50	
Polarization dependent gain	dB			0.3
Operation temperature	°C	0~50		
Storage temperature	°C	-25~70		
Power consumption	W			20
Package	mm	Refer to the ordering information		

Ordering information

Fixed Filter Type

EDFA	PA					
20:20dB customer specify	1:1550.12nm 2:1550.92nm	04:0.4nm 08:0.8nm	FC,SC,LC,MU/PC,UPC,APC	A:-48V DC B:220V AC	11:483×230×44 22:530×200×50	
Rated gain	Fixed filter central wavelength	Passband width	Connector	Power	Package	

Tunable Filter Type¹

EDFA	PA				
20:20dB customer specify			FC,SC,LC,MU/PC,UPC,APC	A:-48V DC B:220V AC	12:483×230×87 22:530×200×100
Rated gain			Connector	Power	Package

Note: 1. Operation wavelength:1530~1560nm