

EDFA-BA Series



EDFA-BA series are specially designed for single channel fiber system, and installed after the optical transmitter to increase the output power and extend signal transmission distance.

The products are Telcordia GR-1312-CORE qualified, and RoHS compliant.

Features

- High output power with low noise figure
- Wide operation wavelength range
- Flexible monitoring interface
- High reliability
- Easy installation and maintenance

Applications

- SDH/PDH system

Specifications

Parameter	Unit	Value		
		Min.	Typ.	Max.
Operation Wavelength	nm	1530	1550	1565
Input Optical Power	dBm	-6		3
Output Optical Power	dBm	12		22
Noise Figure ¹	dB		5.0	
Input / Output Return Loss	dB		45/45	
Polarization Dependent Gain	dB			0.3
Operation Temperature	°C	-5		+55
Storage Temperature	°C	-25		+70
Power Consumption	W			20
Package	mm	Refer to the ordering information		

Note:1,At 1550nm, 0dBm input power.

Ordering information

Output Power	Connector	Power	Package
12:12dBm	FC,SC,LC/PC,UPC,APC	A:-48V DC	11:482×200×44
14:14dBm			21:533×200×44
⋮			41:19inch and 21inch
22:22dBm			racks compatible
customer specify			