

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.



Applications

- Long-distance backbone network
- Metro Network or Optical Access Network
- SDH/PDH transmission system

Features

- High output power with low noise figure
- Flexible monitoring interface
- Network monitoring available
- High reliability
- Standard rack, easy installation and maintenance

Specifications

Parameter	Unit	Value		
		Min.	Typ.	Max.
Operation Wavelength	nm	1530	1550	1565
Input Optical Power	dBm	-6		+3
Output Optical Power	dBm	10		22
Noise Figure ¹	dB		5.0	
Input /Output Return Loss	dB		45/45	
Polarization Dependent Gain	dB			0.3
Operation Temperature	°C	-5		+50
Storage Temperature	°C	-25		+70
Power Consumption	W			30
Package	mm	Refer to the ordering information		

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

Ordering Information

Output Power	Connector	Power	Package
10:10dBm 12:12dBm 15:15dBm 17:17dBm 18:18dBm 22:22dBm	FC/UPC	AA:-48V DC, Dual Power Supply	41:19inch(482×200×44)and 21inch(533×200×44) racks compatible, 1U height, 210mm depth