

# EDFA-LA Series



EDFA-LA series are specially designed for single channel fiber system, and installed between the optical terminals to replace traditional O-E-O regenerators and extend signal transmission distance.

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

## Features

- High gain 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
Optical Rated Gain	dB		25	
Input Optical Power	dBm		-10	
Output Optical Power	dBm		15	
Noise Figure <sup>1</sup>	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, -10dBm input power.

## Ordering information

EDFA	-	LA	-	[ ]	-	[ ]	-	[ ]	-	[ ]	-	[ ]
Rated Gain	Output Power		Connector		Power		Package					
25:25dB customer specify	15:15dBm customer specify		FC,SC,LC/PC,UPC,APC		A:-48V DC		11:482×200×44 21:533×200×44 41:19inch and 21inch racks compatible					