



Erbium Doped Fiber Amplifier (EDFA-LA) Series

EDFA-LA (Line Amplifier) Series are specifically designed for single wavelength optical transmission system to take place of traditional O-E-O relay. The products meet the Telcordia GR-1312-CORE.

Features:

- Flexible monitoring interface
- Easy to be installed

Applications:

- Optical transmission system
- SDH/SONET system

Specifications:

| Parameter | Unit | Min. | Typ. | Max. |
|----------------------------------|-----------------|---------------|------|------|
| Operation wavelength | nm | 1530 | | 1565 |
| Optical gain | dB | | 25 | |
| Output optical power | dBm | | 15 | |
| Noise figure | dB | | 5.0 | |
| Input return loss | dB | | 50 | |
| Output return loss | dB | | 50 | |
| Polarization dependent gain(PDG) | dB | | | 0.3 |
| Operation temperature | °C | 0 | | 50 |
| Storage temperature | °C | -25 | | 70 |
| Power consumption | W | | | 20 |
| Dimension | mm ³ | 530× 202× 100 | | |

| | |
|--------------|--|
| Power | -48V DC, 220V AC, or other |
| Input/Output | FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer specify |
| Output Power | 15dB, Customer specify |
| Rated Gain | 25dB, Customer specify |