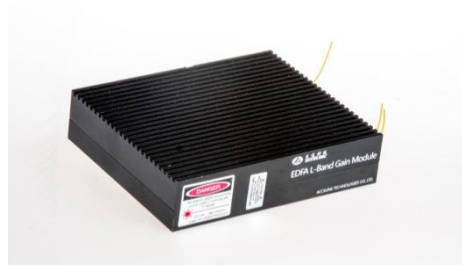


## EDFA L Band Gain Module



### Product Introduction

L-band EDFA series are designed for L-Band DWDM transmission systems, and can be integrated into EDFA card or sub rack according to customer's application requirements.

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

### Features

- High output optical power and low noise figure
- Excellent gain flatness
- Flexible monitoring interface
- High reliability

### Applications

- L-band DWDM system

### Standards

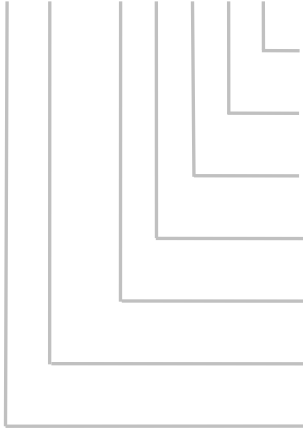
- Telcordia GR-1312-CORE
- RoHS

### Specifications

| Parameter                   | Unit | Specifications |      |      |      |      |      |      |      |      |
|-----------------------------|------|----------------|------|------|------|------|------|------|------|------|
|                             |      | BA             |      |      | LA   |      |      | PA   |      |      |
|                             |      | Min.           | Typ. | Max. | Min. | Typ. | Max. | Min. | Typ. | Max. |
| Operating Wavelength        | nm   | 1569           |      | 1604 | 1569 |      | 1604 | 1569 |      | 1604 |
| Output Optical Power        | dBm  |                | 17   |      |      | 17   |      |      | 13   |      |
| Optical Gain                | dB   |                | 23   |      |      | 23   |      |      | 23   |      |
| Gain Flatness               | dB   |                | 1.0  | 1.5  |      | 1.0  | 1.5  |      | 1.0  | 1.5  |
| Noise Figure                | dB   | Typ 6.0        |      |      |      |      |      |      |      |      |
| In/Out Return Loss          | dB   | Typ 45/45      |      |      |      |      |      |      |      |      |
| Polarization Dependent Gain | dB   | Max 0.3        |      |      |      |      |      |      |      |      |
| Operation Voltage           | V    | Typ 5±5%       |      |      |      |      |      |      |      |      |
| Power consumption           | W    | Max 30         |      |      |      |      |      |      |      |      |
| Operation Temperature       | °C   | -5~+55         |      |      |      |      |      |      |      |      |
| Storage Temperature         | °C   | -25~+70        |      |      |      |      |      |      |      |      |

## Ordering Information

EDFA - □ - □ - L - □ - □ - □ - □ - □



Connector: FC SC,LC,MU/UPC,APC

Fiber length: 1:1m、customer specify

Fiber Dia.: 09: φ0.9mm、customer specify

Output Power: 17:17dBm、customer specify

Rated Gain: 25:25dB、customer specify

EDFA Type: BA、LA、PA

Frame Type: MW:O-E Module、GW: Gain Block