

Erbium Doped Fiber Amplifier (EDFA-TV) Series

EDFA-TV Series are designed for CATV optical transmission. The products meet the Telcordia GR-1312-CORE.

Feature:

- Flexible monitoring interface
- Easy to be installed
- High output power

Applications:

- Analog CATV networks
- Optical fiber distribution network

Specifications:

| Parameter | Unit | Min. | Typ. | Max. |
|----------------------------------|-----------------|--------------|------|------|
| Operation wavelength | nm | 1540 | | 1560 |
| Input optical power (Pin) | dBm | 0 | 3 | 10 |
| Output optical power (Pin=0dBm) | dBm | 13 | | 22 |
| Noise figure (Pin=0dBm) | 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 | | | 30 |
| Dimension | mm ³ | 483×360×41.5 | | |

| | |
|----------------------|-----------------------------------------------------------------|
| Power | -48 DC, 220V, or other |
| Input/output | FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, or customer specify |
| Output optical power | 18dBm or customer specify |