

EDFA-TV Series



EDFA-TV Series are designed for CATV fiber system, and installed after the optical transmitter to increase the output power or cascaded in fiber links to extend signal transmission distance.

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

Features

- High output power
- Low noise figure
- Wide operation wavelength range
- Flexible monitoring interface
- High reliability
- Easy installation and maintenance

Applications

- Analog CATV networks
- Optical fiber distribution network

Specifications

Parameter	Unit	Value		
		Min.	Typ.	Max.
Operation Wavelength	nm	1540		1560
Input Optical Power	dBm	0	3	10
Output Optical Power	dB	13		24
Noise Figure (Pin=0dBm)	dB		4.5	
Input / Output Return Loss	dB		50/50	
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		

Ordering information

EDFA – TV – [] – [] – [] – []

Output Power	Connector	Power	Package
13:13dBm 14:14dBm ⋮ 24:24dBm customer specify	SC/APC	B:220V AC	11:482×200×44