

OTE-EFA-001 1550nm Erbium-Doped Fiber Amplifier

MODEL: OTE-EFA-001



Specifications

- World famous PUMP laser, low distortion, wide frequency band, high optical output power
- Import high quality EDF, high energy conversion efficiency.
- Humanized display of using time, temperature, voltage, optical power and failure warning
- Built-in sound control circuit and a microcomputer automatically embedded blue front panel LCD display, accurate real-time monitoring laser output power and a variety of working conditions, ensure a stable output power.
- Excellent ability of multistage lightning protection, automatic temperature control and automatic power switching, ensure long-time stable and continuous working in an adverse environment.
- Beautiful 19-inch standard rack case, the structure of scientific and reasonable process, excellent overall performance indicators is an essential pre-amplifier for all CATV engine room.
- Intelligent: RG-45 Ethernet interface is optional, for implementing a monitor system under <GB/T 20030–2005 Specification of Equipment Management System of HFC Network>.

Technical parameter

Items	Units	Technical Parameter	Remarks
Wavelength of laser	(nm)	1540~1560	
Input Optical Power	(dBm)	-6~+7	preferred≥2dBm
Output Optical Power	(dBm)	+13~+30	
Noise Factor	(dB)	≤5.5	Pin: 0dBm
CNR degradation	(dB)	≤1	Pin: 0dBm
Gain		Min: 14, Max: 33	
Return Loss	(dB)	55	
Optical Isolation	(dB)	≥40	
Optical fiber connector		FC/APC	SC/APC(optional)
Power	(V)	90~265	-48VDC(optional)
Power Consumption	(W)	≤50	Power: single-supply
Working Temperature	(°C)	-20~+50	
Store Temperature	(°C)	-30~+70	
Size	(mm)	482x340x45	L x W x H

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@zhtelecomm.com Website: www.zhtelecomm.com Tel: +86-01081593787 Fax: +86-01081593789