

EDFA

Description

EDFA is a high performance optical product with famous brand microprocessor. High dependability, low noise, especially double pump design makes a better noise figure. And with high performance to price ratio, it is suitable for using in large and middle-size network.



- ◆ Double pump structure (980nm,1480nm).
- ◆ Microprocessor automatic control circuit.
- ◆ high performance Erbium-Doped fiber.
- ◆ Low noise, high power and excellent reliability.
- ◆ Output optical power 14 ~ 24 dBm.
- ◆ VFD, 19" 1U standard framework, RS-485 RS-232 port.

Electrical performance

Item	Unit	Specification
Optical Wavelength	nm	1550±15
Input Power Range	dBm	-3~+10
Output Power Range	dBm	+14~+24
Output Power stability	dB	±0.5
Noise Figure	dB	≤5.0 (Input power 0dBm)
Return Loss IN	dB	≥45
Return Loss OUT	dB	≥45
Pump Leakage Power IN	dBm	≤-30
Pump Leakage Power OUT	dBm	≤-30
C/CTB	dB	≥65(59 channels PAL-D)
C/CSO	dB	≥65(59 channels PAL-D)
C/N	dB	≥51(59 channels PAL-D)

General

- ◆ Connectors : FC/APC or SC/APC
- ◆ Power Supply : AC160~250V (50Hz)
- ◆ Operating Temperature : -5 ~ +55 °C
- ◆ Storage Temperature : -30 ~ +70 °C
- ◆ Relative Humidity: max. 95% no condensation

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◆ Dimension: 483 (W)*381 (L)*45 (H) mm

◆ Weight: Kg

Block Diagram

