

Compact EDFA

DESCRIPTION

Browave's EDFA combines state-of-the-art electronics, superior optical performance and feature-rich functionality, while offering compact package, low cost, and high reliability to meet various application requirements.



FEATURES

- MSA Compatible Size ,70 x 90 x 15 mm
- Intelligent Module with Alarm, Auto Shutdown and RS-232 interface
- Low Power Consumption
- Standard Version for Single-channel or Narrow-band Amplification
- Gain-flattened Version for Wideband Amplification

APPLICATIONS

- Long-haul and Metro Networks Single-channel or DWDM Networks
- Optical Add / Drop and Cross Connects
- Pre-amplification or Booster Amplification

SPECIFICATIONS

Parameter	C-band Single Channel	
	Booster	In-line
Wavelength Range	1530-1560 nm	1530-1560 nm
Input Power Range	-5 ~ +5 dBm	-25 ~ -10 dBm
Output Power(Pout)	16,17,18,19,20 dBm (Constant)	13 dBm(Max.)
Max. Gain Flatness @ All Temp.	N/A	N/A
Max. Noise Figure @ Max. Pout	5.5 dB	5.5 dB
Polarization-dependent Gain	0.5 dB	
Polarization-mode Dispersion	0.3 ps	
Power Supply Voltage	3.3V	
Mechanical Dimension	70 x 90 x 15mm ³	
Operating Temperature	-5 ~ +65°C	

PIN INFORMATION

- MSA Compatible Pin-Definition



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