



Opto-Link  
Corporation Ltd

# C-Band Single Channel Bench Top Erbium-doped Fiber Amplifier(EDFA)

Output Power: 27dBm

The C-Band single channel bench top EDFA is conveniently packaged for use in a laboratory environment. This device features high output power, high gain, low power consumption and low noise figure.

## Applications

- Optical Networks
- Lab Applications
- Testing

## Features

- High Output Power
- High Gain
- Low Noise Figure



C-Band Single Channel Bench Top EDFA

Parameter	Specification	Units
Output Power	Min. 27 (Input power = 0dBm)	dBm
Input Power	-6 to +3	dBm
Optical Gain	Min. 38 (Input power = -30dBm)	dB
Noise Figure	Max. 8.0 (Input power = -20dBm)	dB
Operating Wavelength	1535 to 1560	nm
Input/Output Isolation	> 30	dB
Polarization Dependent Gain (PDG)	Typ. 0.3, Max. 0.5	dB
Polarization Mode Dispersion (PMD)	Typ. 0.3, Max. 0.5	ps
Operating Temperature	0 to +40	°C
Storage Temperature	-10 to +70	°C
Power Supply	80 to 240, 43 to 63Hz	V AC
Dimensions	250 x 300 x 100	mm
Control	Keylock Switch, Optical Output Power	--
LCD Display	Optical Output Power	--
Interface	RS232	--
Protection	Pump Laser Overheat	--
Optical Output Connector	FC/APC	--
Optical Fiber	SMF-28	--

## ORDERING CODES

OLEDFA – B –  – C – [Output power] (dBm) –

Amplifier Type	Code
Booster Amplifier	B
Line Amplifier	L
Pre-amplifier	P

Connector Type	Code
FC/UPC	FU
FC/APC	FA
SC/UPC	SU
SC/APC	SA
MU/UPC	MU



株式会社オプトサイエンス

http://www.optoscience.com

光技術をサポートする

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