



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 (Input power = -3dBm)	Min. 27	Min. 30	Min. 33	dBm
Input Power	-6 to +3			dBm
Typ. Noise Figure (Input power = 0dBm)	5.5	6.0	6.5	dB
Operating Wavelength	1540 to 1565			nm
Input/Output Isolation	> 30			dB
Polarization Dependent Gain (PDG)	< 0.3			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	350 x 300 x 100 for Benchtop 482 x 350 x 42 for 19" Rackmount			mm
Control	Keylock Switch, Optical Output Power			--
LCD Display	Optical Output Power, Pump laser temperature			--
Interface	RS232			--
Protection	Pump Laser Overheat Warning			--
Optical Output Connector	FC/APC, FC/UPC, SC/APC, SC/UPC			--
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

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