

Polarization maintaining EDF Amplifier

Data sheet



Features

- ✓ 19" rack mountable design or
- ✓ Benchtop housing
- ✓ DWDM gain flattened or Single Channel support
- ✓ Current or Output Power Control Mode
- ✓ Remote Control

Applications

- ✓ generation of channel grids for DWDM transport testing
- ✓ General purpose

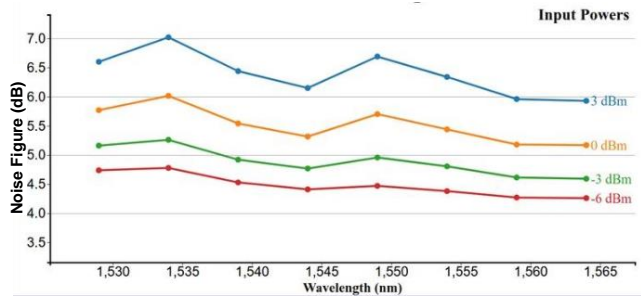
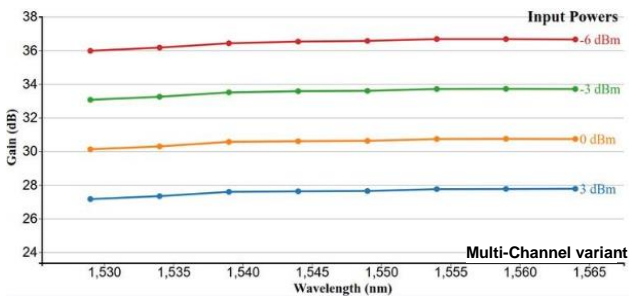
Polarization Maintaining Erbium Doped Fiber Amplifier (EDFA) are multi-purpose instruments supporting a wide variety of applications including transmitter power enhancements, free space communications and coherent beam combining.

The output light is linearly polarized with high Polarization extinction ratio.

The compact turnkey benchtop or 19" rackmount instrument incorporates a user-friendly front panel housing with a LCD Monitor display, key switch, power adjust control knob and optical connectors.

A RS232 or Ethernet interface is available allowing to control the unit remotely.

Parameter	Unit	Value
Saturation Output Power (at 0dBm input signal)	dBm	13, 18, 20, 23, 27, 30 (see options)
Input Power	dBm	- 6 to +3
Operation Wavelength	nm	1529 to 1565
Noise Figure (at 0dBm input signal)	dB	<5.5
Input / Output Isolation	dB	>30
Control Mode	-	ACC, (Option : APC)
Dimensions	mm	Benchtop 260(W) x 330(L) x 120(H) 19" Rackount : 1HE
Computer Interface		RS232 (LabView Control software & connection cable included) / Ethernet (Option)



PMEDFA	-xx	-XX	-XX	-XX	-XX
Article	Type	Control Type	Output Power	Housing	Connector Type
Pol. Maintaining EDFA	SC: Single-Channel MC: Multi-Channel	PC: Power Controlled (incl. CC option) CC: Current Controlled mode	Maximum total output power in [dBm]	B: Bench Top R: Rack mount	FA: FC/APC FP: FC/PC SA: SC/APC SP: SC/UPC

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