SHAPING LIGHT.

HELPING ENGINEERS AND SCIENTISTS IN ADVANCING HOW THE WORLD COMMUNICATES, SENSES AND CONNECTS

POLARIZATION MAINTAINING AMPLIFIER – PM-EDFA

DATA SHEET

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PM PASSIVES

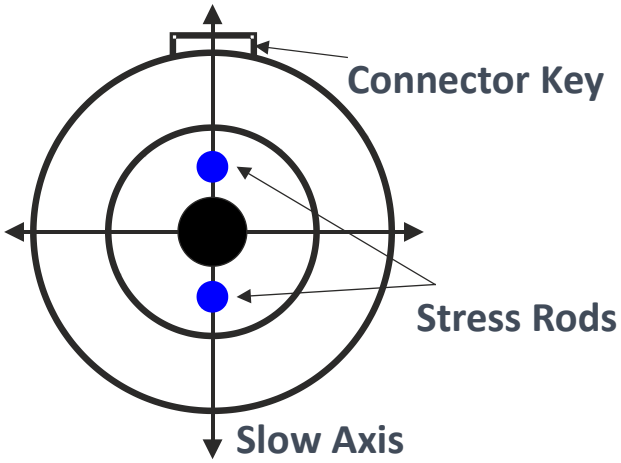
PM-EDFA

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.

FEATURES

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



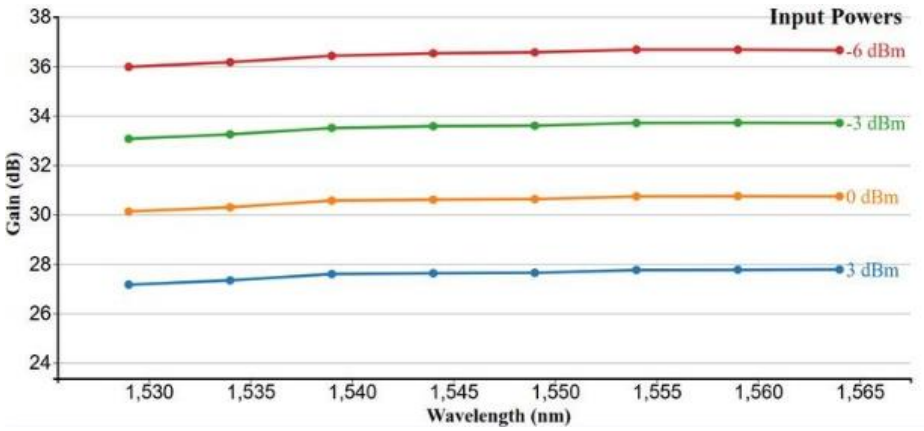
APPLICATIONS

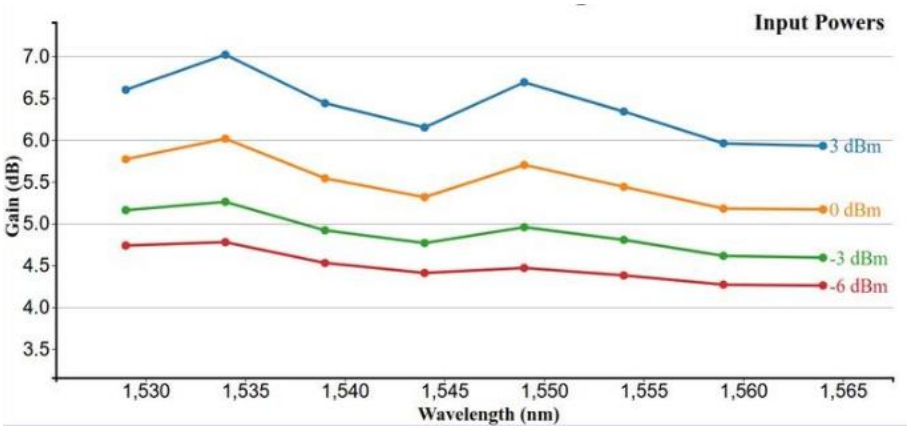
- Generation of channel grids for DWDM transport testing
- Amplification of polarized light sources
- General purpose amplification for polarized signals

RoHS compliant

SPECIFICATION

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





POLARIZATION MAINTAINING AMPLIFIER

PRODUCT

PMEDFA - ☐ - ☐ - ☐ - ☐ - ☐

TYPE
SC: Single Channel
MC: Multi-Channel

CONTROL TYPE
PC: Power Controlled (includes CC option)
PC: Current Controlled

OUTPUT POWER
xx: Maximum total output power in [dBm]

HOUSING
B: Bench Top
R: Rack mount

CONNECTOR TYPE
FA: FC/APC
FP: FC/PC

REQUEST A QUOTATION
Get in touch with us via info@id-photonics.com or send a request via our web form.

SCAN ME

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