

C-Band Polarization-Maintaining Fiber Amplifier

FAF PoM Series



The FAF PoM 250 C-band amplifier is a polarization maintaining amplifier making it the perfect choice for amplifiers requiring a polarized output. The FAF PoM 250 C-band benchtop instrument is a single stage amplifier pumped at 980 nm in a forward configuration.

Key Features

- Output power > 13 dBm
- Gain 32 dB from 1530 to 1560 nm
- Extinction ratio > 25 dB
- Noise figure < 5.5 dB

Specifications

- Pump wavelength 980 nm
- Wavelength range 1525 to 1565 nm
- Supply voltage 105-240 V
- Operating temperature range 0-40 °C

Main Options

- GPIB/RS-232 port
- I/O signal monitoring
- Rack mount adapters
- ASE filtering
- Automatic pump control
- Low noise figure
- OEM gain block design with or without electronics