

PEFA-SP-C SERIES

PULSED ERBIUM FIBER AMPLIFIER

1.5 μm SHORT PULSE FIBER AMPLIFIER

FEATURES

- Femto and picosecond pulse amplification
- Pulse distortion free up to 1 KW
- Average power up to 33 dBm
- Operating wavelength from 1535 to 1565 nm
- Pulse repetition frequency from 10MHz to 100GHz
- Polarization maintaining available
- Choice of Turn Key easy to use benchtop or compact module

APPLICATIONS



High peak power generation / Non-linear fiber optics / High speed transmission systems / Super-continuum and pulse compression

Description

The PEFA-SP-C series are designed to amplify femtosecond and picosecond pulses without pulse distortion.

These amplifiers do not change significantly the pulsewidth neither the spectral linewidth up 1KW of peak power.

Polarization maintaining versions are available.

The products are available in user-friendly turnkey benchtops for simple use in laboratory environment or compact modules controlled through RS232.

1.5 μm

M 201



M 301



4 Platforms

B 201/ B 202

