

# CEFA-C-PB-HP SERIES

## CW ERBIUM FIBER AMPLIFIER C-BAND HIGH POWER



### FEATURES

- Up to 42 dBm of saturated output power
- Low noise figure
- Pre-amplifier built-in for low input power
- Polarization-maintaining available
- Narrow linewidth (<100kHz) amplification
- Choice of turnkey benchtop or module
- Very compact module up to 30 dBm
- Low power consumption
- High reliability

### Description

The CEFA-C-PB-HP series Erbium doped fiber amplifiers are designed for single channel amplification in the C-band, up to 42 dBm of saturated output power.

The series include polarization-maintaining models and narrow linewidth amplification option.

These products are available in user-friendly turnkey benchtop instruments or in modules. In particular, very compact MSA type modules are available up to 30 dBm output power.

Built with several stages of amplification, these devices can be operated at low input power, down to -20 dBm. They also offer excellent optical noise figure and high optical signal to noise ratio at the output.

Their wide range of operation make these amplifiers suitable for many applications.

### APPLICATIONS



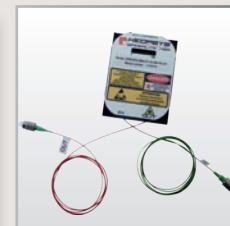
Optical component testing  
 Free space communications / FTTH/CATV networks / Remote sensing (LIDAR)  
 Test and measurement / Microwave optics  
 Non-linear optics

### 6 Platforms

B 301



M 102



M 301



M 403



B 202/ B 203

