

# CEFA-C-BO-HP SERIES

## CW ERBIUM FIBER AMPLIFIER C-BAND HIGH POWER

### FEATURES

- Up to 42dBm of saturated output power
- Polarization-maintaining available
- Narrow linewidth (<100kHz) amplification
- Choice of turnkey benchtop or module
- Very compact module up to 30dBm
- Low power consumption
- High reliability
- Cost effective solution

1.5 $\mu$ m

### Description

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

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

They 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.

These products are cost effective solutions to amplify seed sources with minimum power above +5dBm.

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

M 403



M 102



M 301



B 301



B 202/ B 203