

CYFA-PB SERIES

CW YTTERBIUM FIBER AMPLIFIER WITH INTEGRATED PREAMPLIFIER

FEATURES

- Up to 42 dBm of saturated output power
- Preamplifier built-in for low input power
- Polarization-maintaining available
- Wide choice of optical bandwidth
- Narrow linewidth (<100kHz) amplification option
- Choice of turnkey benchtop or module
- Low power consumption
- High reliability



Description

The CYFA-PB series Ytterbium doped fiber amplifiers are designed for CW operation in the 1.0 μm range and deliver up to 42 dBm of saturated output power.

Models are available in polarization-maintaining or random-polarization versions with narrow linewidth seed source amplification option (<100 KHz).

Two standard bandwidths are offered, one from 1060 to 1090 nm and the other from 1110 to 1114 nm.

These products are available in user-friendly turnkey benchtop instruments or in modules. Built with several stages of amplification, these devices can be operated at low input power, down to 0 dBm. They offer high optical signal to noise ratio at the output.

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

APPLICATIONS



Helium pumping / Sensing / Optical component testing / Non-linear optics in the visible (green to orange)

3 Platforms

B 202



M 405



B 301

