

CYFA-BO SERIES

CW YTTERBIUM BOOSTER FIBER AMPLIFIER

FEATURES

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

APPLICATIONS



Helium pumping / Sensing
Optical component testing /
Non-linear optics

1 μ m

Description

The CYFA-BO series Ytterbium doped fiber amplifiers are designed for CW operation in the 1.0 μ m range and deliver up to 42 dBm of saturated output power. They offer a cost-effective solution for input seed power above +20dBm.

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

The standard bandwidth is from 1060 to 1090 nm and output signal-to-noise ratio is excellent within this bandwidth.

These products are available in user-friendly turnkey benchtop instruments or in modules.

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

3 Platforms

B 301



M 405



B 202

