

CTFA-PB SERIES

CW THULIUM FIBER AMPLIFIER

FEATURES

- Up to 33 dBm of saturated output power
- Broad bandwidth from 1900 to 2050 nm
- Choice of wavelength range
- Eye-safe operation
- Pre-amplifier built-in for good OSNR
- Polarization-maintaining available
- Choice of turnkey benchtop or module
- Diffraction limited output beam
- High reliability

APPLICATIONS



Remote sensing (LIDAR) / Gas sensing
Optical component testing / Test and measurement / Research & development

2 μ m

Description

The CTFA-PB-HP series Thulium doped fiber amplifiers are designed for eye-safe operation between 1900 and 2050 nm, up to 33 dBm of saturated output power.

The series include polarization-maintaining models. Built with a pre-amplifier, these products achieve good output optical signal to noise ratio. The use of single mode fibers insure a good beam quality ($M^2 < 1.1$).

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

B 201 / B 202



M 401



3 Platforms