

# THFL-1.5

## 1.5μm Benchtop High Power Fiber Laser

### Application

- ▶ Test & Measurement

### Features

- ▶ High Output Power, up to 30W
- ▶ User friendly Table top
- ▶ Stable Output Power



### Parameter

#### THFL-1.5

|                                |                   |                              |
|--------------------------------|-------------------|------------------------------|
| Wavelength                     | [nm]              | 1550, 1567, other            |
| Output Power                   | [W]               | Up to 30                     |
| Output Power Tunability        | [%]               | 10 ..100                     |
| Mode of Operation              |                   | CW / Modulated               |
| Laser Output                   |                   | Gaussian                     |
| Polarization                   |                   | Random / Linear              |
| Output Power Stability         | [%]               | 2                            |
| Signal Linewidth               | [nm]              | <1                           |
| Power Supply Voltage           | [VAC]             | 100 .. 240                   |
| Operating Temperature          | [°C]              | 15 .. 35                     |
| Optical Connector              |                   | Collimator                   |
| Beam Diameter 1/e <sup>2</sup> | [mm]              | 3.0 / 5.0                    |
| Beam Quality                   | [M <sup>2</sup> ] | typ 1.1                      |
| Optical Fiber type             |                   | 3mm armored cable, 1.8 meter |
| Dimensions                     | [mm]              | 3U 19"                       |
| Communication Interface        |                   | RS-232 via USB               |

### Ordering Information

Custom variants are available upon request, please contact our customer service to discuss your specification requirements.

GUI available on request

