

THFL-0.8

0.8 μ m Narrow Linewidth High Power Fiber Laser

Application

- ▶ Atom Cooling (e.g. Rb atoms)
- ▶ Quantum Frequency Standards
- ▶ Atomic Interferometers



Features

- ▶ High Output Power
- ▶ User friendly Table top
- ▶ Narrow-Linewidth

Parameter

| | | |
|-------------------------|-------|-----------------------|
| Wavelength | [nm] | 750 +/- 20 |
| Output Power | [W] | Up to 2 |
| Output Power Tunability | [%] | 10 ..100 |
| Mode of Operation | | CW / Pulsed |
| Polarization | | Random / Linear |
| Output Power Stability | [%] | 3 |
| Optical Linewidth | [kHz] | 10 |
| Power Supply Voltage | [V] | AC 100-240 |
| Operating Temperature | [°C] | 15 .. 45 |
| Optical Connector | | Collimator, FC/APC... |
| Control mode | | CC |
| Optical Fiber type | | HI780 / PM |
| Dimensions | [U] | 3U |
| 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



Specifications are subject to change without notice