

1550nm-Centered Grating-based External Cavity Tunable Laser

(Part Number: ECTL-GT-CW-1550)

Applications:

- 1. Atomic Sensing and Molecular Sensing;**
- 2. Optical cooling and trapping;**
- 3. Difference Frequency Generation (DFG);**
- 4. Second Harmonic Generation (SHG);**
- 5. Spectroscopy and optical process control;**
- 6. Raman spectroscopy;**
- 7. Laser and OPO seeding.**

Features:

- 1. Wide mode-hop free tuning range;**
- 2. Stable and narrow-linewidth;**
- 3. Free-space output;**
- 4. Manual or computer-based tuning.**

Specification:

PARAMETER	
Available Wavelength	1470-1590 nm
Typical Linewidth	< 100 kHz
Output Power Max	> 10 mW
Typical Beam Size	1 - 3 mm Collimated
Polarization characteristics	Vertical / Horizontal Typ. 100:1
Mode-Hop Free Tuning	> 30 GHz
Working Temperature Range	15-30 °C
Storage Temperature Range	0-50 °C



长春中科长光时空光电技术有限公司

Pictures: