Opto Engine LLC

TUN-448~452/1~10mW

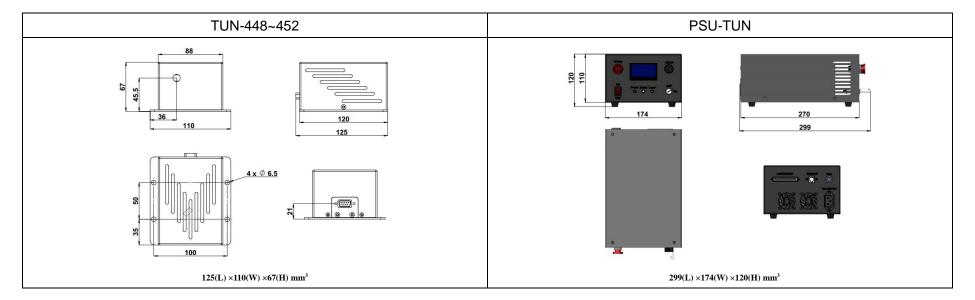
WAVELENGTH TUNABLE NARROW LINEWIDTH DIODE LASER

It is a high-end custom high stability, low noise, narrow linewidth, wavelength tunable product. Mainly used in scientific research and teaching, such as holographic imaging, Raman, atomic clock, coherent detection and so on. Currently it has a line width of less than 60pm and a tuning range of 4nm.



SPECIFICATIONS

Wavelength range of roughly tuning (nm)	448~452	7
Operating mode	CW	_
Output power (mW)	>1, 2, 3,,10	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	Near TEM ₀₀	
Spectral linewidth (nm)	<0.1	
Beam diameter at the aperture (1/e ² ,mm)	~3.0	///
Beam divergence, full angle (mrad)	<1.0	
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	45.5	AVOID EXPOSURE: Laser radiation to
Operating temperature (°C)	20~30	
Parameters of customed power supply	Current : 0~150mA TEC: 7~12kΩ PZT voltage: 0~100V	LAIR PARATON - AVOID PRAFONDE-5000W W CLASS HID LASE This device couplies with 21 C Changchun Nev Industro Optione
Expected lifetime (hours)	10000	\$\$\$ JimHu Road High-tech Z
Warranty	1 year	



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Data sheet

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