Opto Engine LLC

TUN-634~643/1~10mW

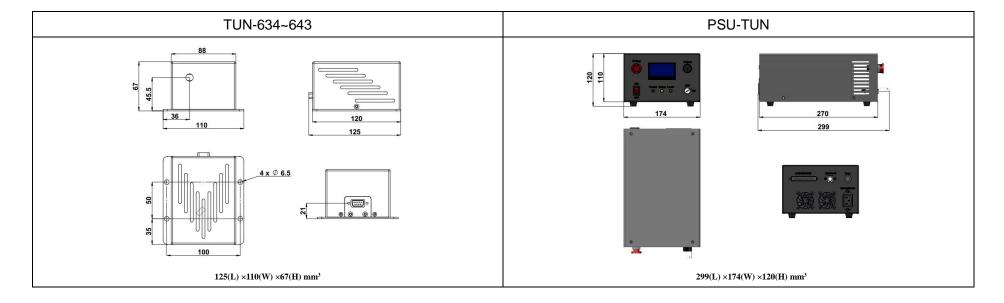
WAVELENGTH TUNABLE NARROW LINEWIDTH DIODE LASER

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 9nm.



SPECIFICATIONS

Wavelength range of roughly tuning (nm)	634~643	
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	AVOID EXPOSURE: Laser reduction is entitled from this APERTURE
Beam height from base plate (mm)	45.5	DANGER
Operating temperature (°C)	20~30	LASER PARLATION - AVOID DEFECT EXPOSITE TO BEAM PEAKFONEE-SOON W WAVELENDTH 400-700 nm
Parameters of customed power supply	Current : 0~150mA TEC: 7~12kΩ PZT voltage: 0~100V	CLASS HID LASER PRODUCT This device complete with 21 CFR100010 and 104011 Changehan New Industron Opnoteneous Tech. Co., Lif. (CNI) 888 Juillu Rodd High-tech. Zone Changchun, China
Expected lifetime (hours)	10000	
Warranty	1 year	



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Data sheet

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