Opto Engine LLC

TUN-518~522/1~10mW

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.

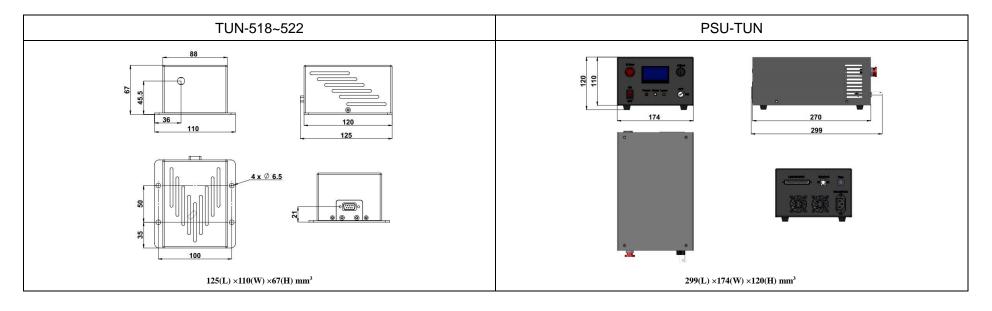


SPECIFICATIONS

Wavelength range of roughly tuning (nm)	518~522	
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 radiato
Operating temperature (°C)	20~30	
Parameters of customed power supply	Current : 0~150mA TEC: 7~12kΩ PZT voltage: 0~100V	LAIR PARAMON - AND PARATONE - MAN CLASS HID LA This device couplies with 27 Changing min New Labouris Open 688 Juliu Road High-tech
Expected lifetime (hours)	10000	
Warranty	1 year	







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Data sheet

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