

TUN-W-3590~4940/1~1000mW

**LD PUMPED ALL-SOLID-STATE
MID-IR LASER AT 3590~4940nm**

With tunable wavelength, this all solid state infrared laser can provide a CW output power up to 1000mW. The customer can order any wavelength range in the list. It is widely used in spectroscopy, remote sensing, medical, counter-measure, etc.



SPECIFICATIONS

Wavelength (nm)	3590~3740	3740~3890	3890~4040	4040~4190	4190~4340	4340~4490	4490~4640	4640~4790	4790~4940
Wavelength deviation(nm)	±20								
Average power (mW)	1, 100, 200, ..., 1000								
Operating mode	CW								
Power stability (rms, over 4 hours)	<5%, <10%								
Beam divergence, full angle (mrad)	<10								
Beam diameter at the aperture (1/e ² ,mm)	<8								
Warm-up time (minutes)	<10								
Beam height from base plate (mm)	93.5								
Operating temperature (°C)	10~35								
Power supply (90-264VAC)	PSU-W-FDA								
Expected lifetime (hours)	10000								
Warranty period	1 year								



MIL-W-3590~4940	PSU-W-FDA
<p>346(L)×140(W) ×125(H) mm³, 5.7kg</p>	<p>307 (L) ×168(W) ×123(H) mm³, 4.5kg</p>