

MIL-W-1990/1~11W

### LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1990nm

All solid state infrared laser at 1990nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



#### SPECIFICATIONS

Wavelength (nm)	1990±5
Operating mode	CW
Output power (W)	>1, 2, 3, ..., 11
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<8
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<4
Polarization ratio	>100:1
Beam height from base plate (mm)	93.5
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-W-1990	PSU-W-FDA
<p>346(L)×140(W) ×125(H) mm<sup>3</sup>, 5.7kg</p>	<p>307 (L) ×168(W) ×123(H) mm<sup>3</sup>, 4.5 kg</p>