

PRL-FS-640/1~150mW

### RED DIODE LASER

Red diode laser at 640 nm is made features of round beam, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



### SPECIFICATIONS

Wavelength (nm)	640±5
Output power (mW)	>1, 10, 30, ..., 150
Transverse mode	Near TEM <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	15
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-V-OEM
TTL modulation/ Analog modulation	Optional, 2kHz or higher (others on request, up to 30kHz)
Expected lifetime (hours)	5000
Warranty period	1 year



PRL-FS-640	Dimensions	PSU-V-OEM	Dimensions
<p>77 (L) × 30(W) × 30(H) mm<sup>3</sup>, 0.2 kg</p>		<p>105 (L) × 47(W) × 38(H) mm<sup>3</sup>, 0.2 kg</p>	