

Red ECDL 638nm SLM Laser Module Specifications

Model: R638ECDL

1. Single longitudinal mode (SLM) laser with land integrated laser driver and TEC controller.
2. Shutter operation via a push-button switch, computer serial port or remote control through Wi-Fi or Bluetooth.
3. Excellent output power and wavelength stability.
4. Narrow spectral linewidth, ideal for Holography, Interferometry, and Optical Detection Instruments.
5. Includes a collimating lens; optical isolator not included.

Output Power: 30mW

Wavelength: 635 - 640 nm

Spectral Linewidth: $\ll 0.1$ nm

Coherence Length: > 1 m

Beam Divergence Angle: < 6 deg

Beam Diameter at Window: ~ 2.5 mm

Polarization Direction: Vertical

Power Supply: 5VDC/1.5A included

Dimensions of Laser Head: 3.5" x 3" x 1.5" (L x W x H)

