

50mW SLM laser PL530 for holography with meter- long coherence length

Model: PL530E322

1. Temperature controlled with TEC, delivering over 50 mW laser output power.
 2. Narrow spectral linewidth, ideal for Holography, Interferometry, and optical detection instruments.
 3. Separate driver board and laser head.
 4. Coherence length: >1m
 5. Mounting screws and holes on laser head.
 6. Laser Enable/Disable and Shutter operations via a push-button switch, computer serial port or remote control through Wi-Fi or Bluetooth
- Operating Temperature: 10C to 40C
 - Storage Temperature: -40C to 85C
 - Wavelength: 530nm to 534nm
 - Wavelength Stability: +/-0.1nm
 - Spectral Line Width: < 0.1nm
 - Output Power: > 50mW
 - Residue Infrared Laser Output: < 2mW
 - Beam Quality: $M^2 < 1.3$, TEM00
 - Polarization Extinction Ratio: 100:1 (typical)
 - Beam Divergence Angle: 1 mrad.
 - Power Supply: 5 VDC
 - Power consumption: < 7.5 W
 - Dimension: Driver Enclosure: 35x30x15 mm, -Laser Enclosure: 55x25x25 mm.

