

Osram PL530 Laser Module Specifications

Model: PL530E2

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 enclosure.
 4. Laser output sliding shutter.
 5. Mounting screws and holes on laser enclosure.
- 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: 75x55x25 mm, -Laser Enclosure: 55x25x25 mm.

