

Power Drive Controls

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Osram PL530 Laser Source Model: PL530E

1. Complete PL530 laser source with close loop controlled laser current, heater current and TEC temperature integrated in one heatsink box.
 2. Over 50 mW laser output power.
 3. Narrow spectral line width, perfect for Holography and Interferometry.
- TEC Temperature Set: 35C
 - TEC Adjustable Temperature: 25C to 45C
 - Storage Temperature:-40C to 85C
 - Wavelength: 528nm to 535nm
 - Wavelength Stability:+/-0.1nm
 - Spectral Line Width:< 0.2nm (typi8x8 cal)
 - Output Power: > 50mW
 - Residue Infrared Laser Output: < 2mW
 - Beam Quality: $M^2 < 1.3$, TEM00
 - Polarization Extinction Ratio: 100:1 (typical)
 - Beam Divergence Angle: 4x4 to 8x8 mrad.
 - Power Supply: 5 VDC
 - Power consumption:< 7.5 Wd
 - Dimension: 75 mm x 55 mm x 25 mm.

