

# Coherent® OBIS™ 1202821 | 514nm LX 40mW Laser

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**Note:** This item requires accessories for use | [Learn More](#)

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**Operating Temperature (°C):**  
10 to 50

**Output Power (mW):**  
40

**Polarization:**

|                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 100:1                                                                                                                                                                                                                                        |
| <b>Power Stability (%)</b> :<br><2                                                                                                                                                                                                           |
| <b>Spatial Mode</b> :<br>TEM <sub>00</sub>                                                                                                                                                                                                   |
| <b>Wavelength (nm)</b> :<br>514.00 ±5                                                                                                                                                                                                        |
| <b>Mode Quality, M<sup>2</sup></b> :<br>≤1.2                                                                                                                                                                                                 |
| <b>Power Supply</b> :<br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#87-473</a><br>Europe: <a href="#">#87-473</a><br>Japan: <a href="#">#87-473</a><br>Korea: <a href="#">#87-473</a><br>China: <a href="#">#87-473</a> |
| <b>Warm-Up Time (minutes)</b> :<br><5                                                                                                                                                                                                        |
| <b>Pointing Stability (μrad/°C)</b> :<br><5                                                                                                                                                                                                  |
| <b>Modulation Frequency (MHz)</b> :<br>Max Digital: 100                                                                                                                                                                                      |
| <b>Modulation Frequency (kHz)</b> :<br>Max Analog: 500                                                                                                                                                                                       |
| <b>Beam Diameter Tolerance (mm)</b> :<br>±0.1                                                                                                                                                                                                |
| <b>Pointing Stability (μrad)</b> :<br><30                                                                                                                                                                                                    |
| <b>RMS Noise</b> :<br>≤0.25% (20Hz to 20MHz)                                                                                                                                                                                                 |
| <b>Beam Diameter (mm)</b> :<br>0.6                                                                                                                                                                                                           |
| <b>Manufacturer</b> :<br>Coherent®                                                                                                                                                                                                           |
| <b>Output Type</b> :<br>Free Space                                                                                                                                                                                                           |
| <b>Type of Laser</b> :<br>Diode                                                                                                                                                                                                              |
| <b>Beam Divergence (mrad)</b> :<br>Full-Angle: ≤1.1                                                                                                                                                                                          |
| <b>Laser Class - CDRH</b> :<br>IIIb                                                                                                                                                                                                          |
| <b>Color</b> :<br>Green                                                                                                                                                                                                                      |
| <b>Model Number</b> :<br>1202821                                                                                                                                                                                                             |

## Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Exempt</a>                |
| <b>Reach 224</b> :<br><a href="#">Contains SVHC(s)</a>      |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |