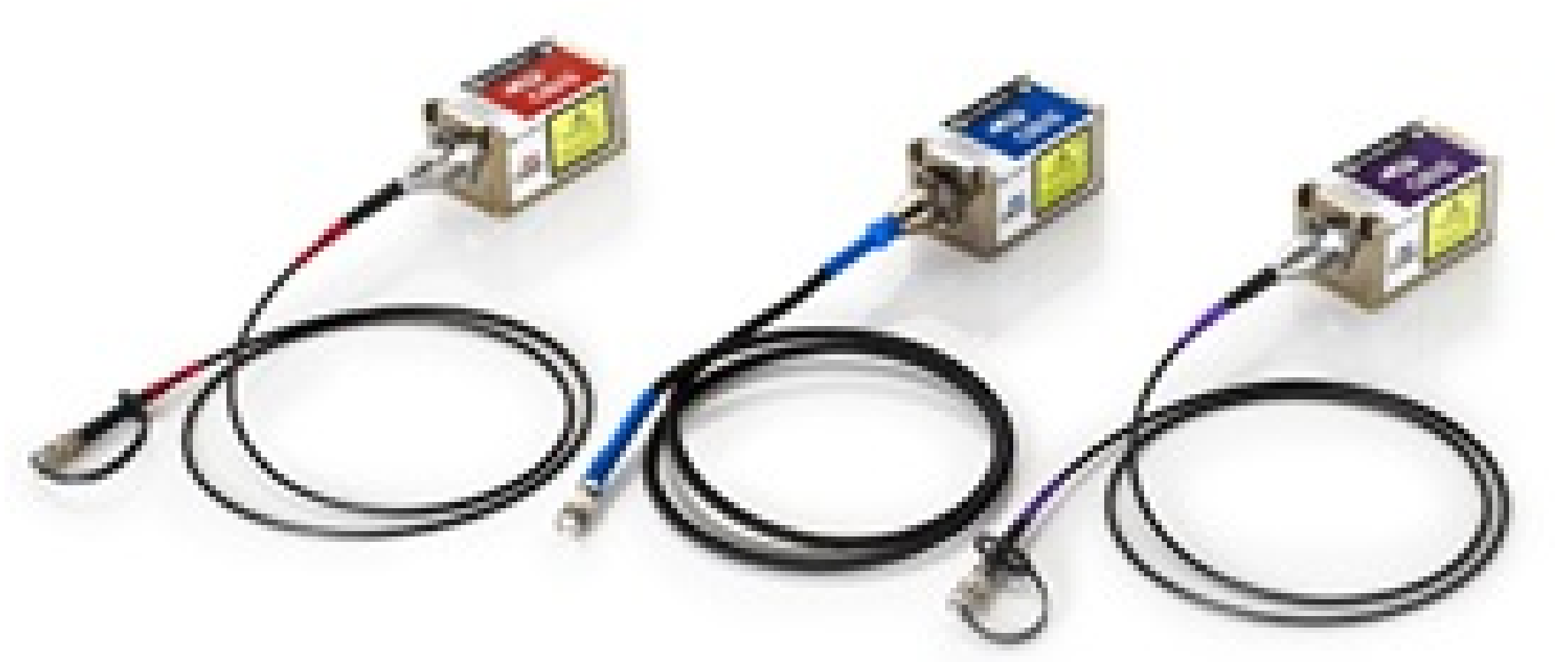


# Coherent® OBIS™ FP 1253295 | 552nm LS 40mW Laser, Fiber Pigtail, FC

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Coherent® High Performance OBIS™ Fiber-Pigtailed Laser Systems



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1

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Operating Temperature (°C):  
15 to 40

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>552.00 ±2                                                                                                                                                                                              |
| <b>Mode Quality, M<sup>2</sup>:</b><br>≤1.1                                                                                                                                                                                       |
| <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: Not Available<br>China: <a href="#">#87-473</a> |
| <b>Warm-Up Time (minutes):</b><br><5                                                                                                                                                                                              |
| <b>Modulation Frequency (MHz):</b><br>Max Digital: 0.05                                                                                                                                                                           |
| <b>Modulation Frequency (kHz):</b><br>Max Analog: 100                                                                                                                                                                             |
| <b>Pointing Stability (μrad):</b><br><5                                                                                                                                                                                           |
| <b>Output from Fiber:</b><br>FC/APC; 8° angled                                                                                                                                                                                    |
| <b>Fiber Cable Type:</b><br>5mm Protective Tubing                                                                                                                                                                                 |
| <b>RMS Noise:</b><br>≤0.25% (20Hz to 20MHz)                                                                                                                                                                                       |
| <b>Manufacturer:</b><br>Coherent®                                                                                                                                                                                                 |
| <b>Output Type:</b><br>Fiber-Coupled                                                                                                                                                                                              |
| <b>Type of Laser:</b><br>Diode                                                                                                                                                                                                    |
| <b>Laser Class - CDRH:</b><br>IIIb                                                                                                                                                                                                |
| <b>Color:</b><br>Green-Yellow                                                                                                                                                                                                     |
| <b>Model Number:</b><br>1253295                                                                                                                                                                                                   |
| <b>Fiber Numerical Aperture NA (1/e<sup>2</sup>):</b><br>0.06                                                                                                                                                                     |

## 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> |