

# Coherent® OBIS™ FP 1254568 | 561nm LS 60mW Laser, Fiber Pigtail, FC

See More by [Coherent®](#)



Coherent® High Performance OBIS™ Fiber-Pigtailed Laser Systems



Stock #12-381 [CONTACT US](#)

⊖ 1 ⊕ €11.350<sup>00</sup>

**ADD TO CART**

### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1+     | €11.350,00 each               |
| Need More? | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads



### General

Warm-Up Time (minutes):  
<5

Fiber Cable Type:  
5mm Protective Tubing

Manufacturer:  
Coherent®

|         |                     |
|---------|---------------------|
| Diode   | Type of Laser:      |
| IIIb    | Laser Class - CDRH: |
| 1254568 | Model Number:       |

## Optical Properties

|                   |  |
|-------------------|--|
| 100:1             | Polarization:                                    |
| TEM <sub>00</sub> | Spatial Mode:                                    |
| 561.00 ±2         | Wavelength (nm):                                 |
| ≤1.1              | Mode Quality, M <sup>2</sup> :                   |
| Yellow            | Color:   |
| 0.06              | Fiber Numerical Aperture NA (1/e <sup>2</sup> ): |

## Electrical

|                        |                             |
|------------------------|-----------------------------|
| 60                     | Output Power (mW):          |
| <2                     | Power Stability (%):        |
| Digital: 0.05          | Modulation Frequency (MHz): |
| Analog: 100            | Modulation Frequency (kHz): |
| ≤0.25% (20Hz to 20MHz) | RMS Noise:                  |

## Hardware & Interface Connectivity

|   |                    |
|---|--------------------|
| 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> | Power Supply:      |
| FC/APC; 8° angled   | Output from Fiber: |
| Fiber-Coupled   | Output Type:       |

## Environmental & Durability Factors

|          |                             |
|----------|-----------------------------|
| 15 to 40 | Operating Temperature (°C): |
|----------|-----------------------------|

## Regulatory Compliance

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

## Product Details

- High Performance OBIS™ LX/LS Lasers with Added Fiber Optic Capability
- Permanent Fiber Attachment Extends Lifetime with Guaranteed Power
- Single-Mode Polarization-Maintaining Fiber with an FC/APC Connector Provide High-Quality and Low-Noise Laser Beam Output
- [Coherent® High Performance OBIS™ LX/LS Laser Systems](#) Also Available

Coherent® High Performance OBIS™ LX/LS Fiber-Pigtailed Laser Systems are plug-and-play lasers available in wavelengths from the ultraviolet to the near-infrared with an added fiber attachment. The fiber optic is permanently attached to the laser, providing an extended lifetime of the fiber and guaranteed power consistency. An FC/APC connector terminates the fiber to enable connections to other systems without concern for high noise interference. Coherent® High Performance OBIS™ LX/LS Fiber-Pigtailed Laser Systems produce high-quality, low-noise laser beams and also allow for hands-free operation. These fiber-pigtailed lasers are used in confocal microscopy, DNA sequencing, polymerase chain reaction (PCR) diagnostic instruments, flow cytometry, medical imaging, and instrumentation applications.

### OBIS Laser System Startup Guide

This downloadable PDF provides guidance on interfacing with OBIS controllers and power supplies, mounting and connecting the heatsink, and starting modulation.

[Download Startup Guide](#)

