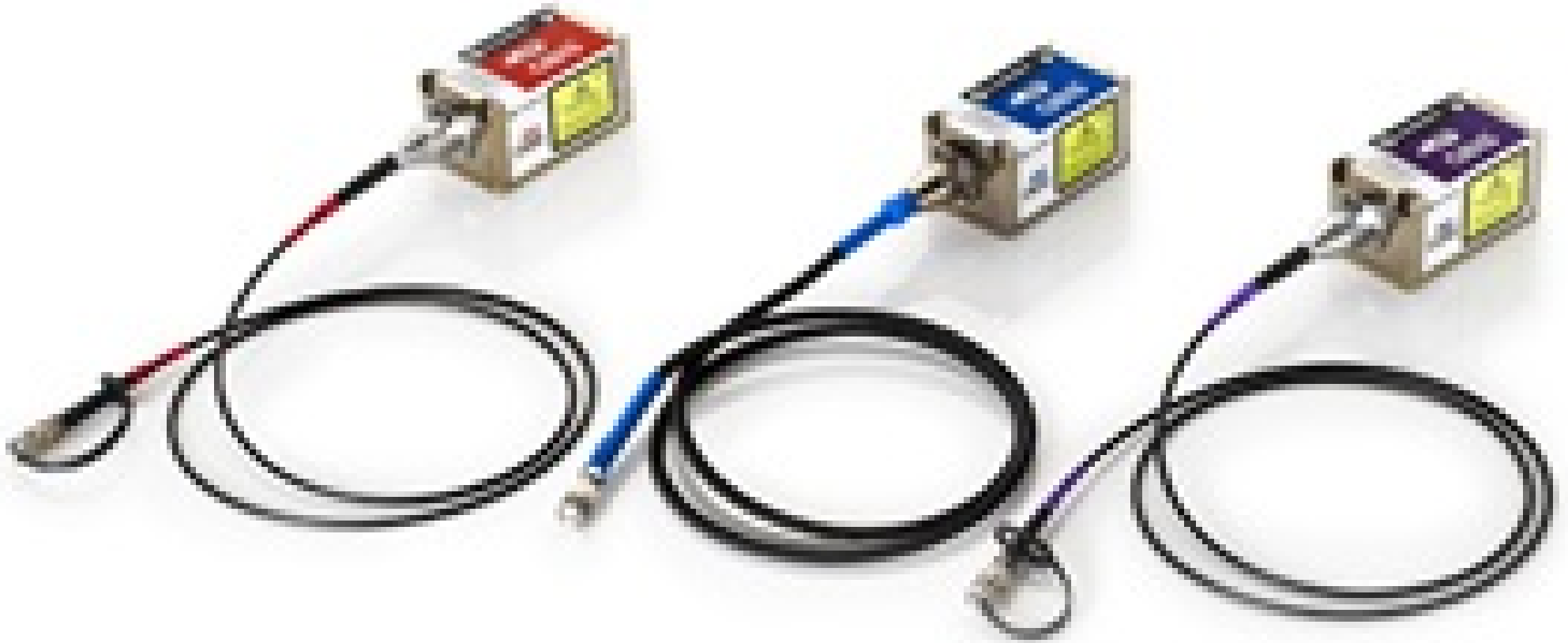


Coherent® OBIS™ FP 1216051 | 514nm LS 15mW Laser, Fiber Pigtail, FC

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Coherent® High Performance OBIS™ Fiber-Pigtailed Laser Systems



Stock **#88-032** [CONTACT US](#)

⊖ 1 ⊕ **S\$10,200⁷⁵**

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Qty 1+	S\$10,200.75 each
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SPECIFICATIONS

General

Warm-Up Time (minutes):

<5

Fiber Cable Type:

5mm Protective Tubing

Coherent® **Manufacturer:**

Diode **Type of Laser:**

IIIb **Laser Class - CDRH:**

1216051 **Model Number:**

Optical Properties

100:1 **Polarization:**

TEM₀₀ **Spatial Mode:**

514.00 ±2 **Wavelength (nm):**

≤1.1 **Mode Quality, M²:**

Green **Color:**

0.1 **Fiber Numerical Aperture NA (1/e²):**

Electrical

15 **Output Power (mW):**

<2 **Power Stability (%):**

Digital: 0.05 **Modulation Frequency (MHz):**

Analog: 100 **Modulation Frequency (kHz):**

≤0.2% (20Hz to 20MHz) **RMS Noise:**

Hardware & Interface Connectivity

Power Supply:
Power Supply Required and Sold Separately.
USA: [#87-473](#)
Europe: [#87-473](#)
Japan: [#87-473](#)
Korea: [#87-473](#)
China: [#87-473](#)

FC/APC; 8° angled **Output from Fiber:**

Fiber-Coupled **Output Type:**

Environmental & Durability Factors

15 to 40 **Operating Temperature (°C):**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[Contains SVHC\(s\)](#) **Reach 224:**

[View](#) **Certificate of Conformance:**

PRODUCT DETAILS

A power supply is required for operation and sold separately. OBIS remote is required for CDRH certified systems. The OBIS heat sink is recommended.

- 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.