

Coherent® OBIS™ FP 1253283 | 488nm LS 40mW Laser, Fiber Pigtail, FC

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Coherent® High Performance OBIS™ Fiber-Pigtailed Laser Systems



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+

€9.051⁰⁰

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Qty 1+	€9.051,00 each
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SPECIFICATIONS

General

Warm-Up Time (minutes):

<5

5mm Protective Tubing	Fiber Cable Type:
Coherent®	Manufacturer:
Diode	Type of Laser:
IIIb	Laser Class - CDRH:
1253283	Model Number:

Optical Properties

100:1	Polarization:
TEM ₀₀	Spatial Mode:
488.00 ±2	Wavelength (nm):
≤1.1	Mode Quality, M ² :
Blue	Color:
0.06	Fiber Numerical Aperture NA (1/e ²):

Electrical

40	Output Power (mW):
<2	Power Stability (%):
Digital: 0.05	Modulation Frequency (MHz):
Analog: 500	Modulation Frequency (kHz):
≤0.25% (20Hz to 20MHz)	RMS Noise:

Hardware & Interface Connectivity

Power Supply Required and Sold Separately: USA: #87-473 Europe: #87-473 Japan: #87-473 Korea: #87-473 China: #87-473	Power Supply:
FC/APC; 8° angled	Output from Fiber:
Fiber-Coupled	Output Type:

Environmental & Durability Factors

10 to 50	Operating Temperature (°C):
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Regulatory Compliance

Exempt	RoHS 2015:
Contains SVHC(s)	Reach 224:
View	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.