

Coherent® OBIS™ LX SF 2285213 | 660nm LX SF 25mW, Fiber-Pigtailed, Single Frequency Laser

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Coherent® OBIS™ Fiber-Pigtailed, Single Frequency Laser

Stock **#26-479** **1 In Stock**

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1

+

£5,136⁰⁰

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Qty 1+	£5,136.00 each
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General

<5

Warm-Up Time (minutes):

3mm Mono-Coil, FC/APC 8° angled

Fiber Cable Type:

Diode

Type of Laser:

IIIb	Laser Class - CDRH:	
2285213	Model Number:	
Physical & Mechanical Properties		
<5	Pointing Stability after Warm Up (mrad/°C):	
4.5	Core Diameter (µm):	
<30	Pointing Stability (µrad):	
Optical Properties		
100:1 (minimum)	Polarization:	
TEM ₀₀	Spatial Mode:	
660.00	Wavelength (nm):	
≤1.1	Mode Quality, M²:	
300	Spectral Line Width (MHz):	
Red	Color:	
1.5	Spectral Line Width (pm):	
0.09	Fiber Numerical Aperture NA (1/e²):	
Electrical		
25	Output Power (mW):	
<1	Power Stability (%):	
≤0.05	RMS Noise:	
<0.5%	Peak-to-Peak 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	
Fiber Pigtailed	Output Type:	
Environmental & Durability Factors		
+10 to +50	Operating Temperature (°C):	
Regulatory Compliance		
View	Certificate of Conformance:	

Product Details

- Single Frequency, Collimated, TEM₀₀ Output Beam
- Excellent Signal-to-Noise Ratio
- Compatible With All OBIS LX/LS Power Supplies, Software, and Accessories

Coherent® Single Frequency OBIS™ LXLaser Systems incorporate Coherent’s SureLock™ volume holographic grating (VHG) stabilized laser diodes to deliver consistent, single frequency performance in the same form factor as all other [OBIS LX/LS platforms](#). Available in 405, 633, and 660nm, these laser systems excel in application spaces requiring very low RMS signal-to-noise of less than 0.05%. An excellent alternative to stabilized HeNe lasers, each laser is stabilized using Coherent’s PowerLocker® volume holographic grating ensuring precise and stable center wavelengths, low temperature dependence, and consistent optical performance. Coherent® Single Frequency OBIS™ LX Laser Systems are ideal for applications such as confocal microscopy, DNAsequencing, flow cytometry, and interferometry and are compatible with all other OBIS LX/LS power supplies, accessories, and software.

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

