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Coherent® OBIS™ LX SF 2278601 | 633nm LX SF 30mW, Fiber-Pigtailed, Single Frequency Laser

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Coherent® OBIS™ Fiber-Pigtailed, Single Frequency Laser

Stock **#26-480** **2 In Stock**

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1

+

MRP ₹6,92,424

 Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹6,92,424 each
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General

Warm-Up Time (minutes):

<5

Fiber Cable Type:

3mm Mono-Coil, FC/APC 8° angled

Type of Laser:

Diode

Laser Class - CDRH:

IIIb	
2278601	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:
633.00	Wavelength (nm):
≤1.1	Mode Quality, M ² :
150	Spectral Line Width (MHz):
Red	Color:
0.3	Spectral Line Width (pm):
0.09	Fiber Numerical Aperture NA (1/e ²):
Electrical	
30	Output Power (mW):
<1	Power Stability (%):
≤0.05	RMS Noise:
<0.5%	Peak-to-Peak 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:
Fiber Pigtailed	Output Type:
Environmental & Durability Factors	
+10 to +50	Operating Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:
Singapore	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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™ LX Laser 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, DNA sequencing, flow cytometry, and interferometry and are compatible with all other OBIS LX/LS power supplies, accessories, and software.

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

Download Startup Guide

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