

638nm SureLock Narrow Linewidth MM Fiber Coupled Laser

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Coherent® Surelock™ Mini-Benchtop Laser Systems



Stock **#70-754** **1 In Stock**

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+

S\$8,372^{.00}

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General

Recommended Fiber Patchcord: [#23-706](#)

Note:

IIIb

Laser Class - CDRH:

Physical & Mechanical Properties

150 x 150 x 50

Dimensions (mm):

1.00	Weight (kg):
Optical Properties	
0.22	Numerical Aperture NA:
0.07	Spectral Line Width (nm):
638.00 ±0.5	Center Wavelength CWL (µm):
Electrical	
300	Output Power (mW):
1.00	Input Current (A):
Hardware & Interface Connectivity	
FC/PC	Connector:
90 - 240 (AC)	Input Voltage (V):
Environmental & Durability Factors	
+10 to +35	Operating Temperature (°C):
-10 to +60	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Narrow 0.07nm FWHM Spectral Linewidth
- Extreme Temperature Insensitivity
- Ultra-Compact, Easy-to-Use Turnkey Laser System

Coherent® Surelock™ Mini-Benchtop Laser Systems provide temperature stabilized, narrow 0.07nm FWHM spectral linewidth laser output with powers up to <500mW. Featuring integrated current and temperature control, these lasers provide better than 1% power stability, <1 minute warm-up time, and extreme temperature insensitivity for consistent performance over the locked region. A convenient LCD touchscreen display allows for easy setup, output power adjustment, and integration into new and existing lab and OEM systems. Coherent® Surelock™ Mini-Benchtop Laser Systems are ideal for a range of precision applications including Raman Spectroscopy, Metrology, Bio-Instrumentation, Sensing, and Analytical Instrumentation. These lasers can be operated standalone or with a computer using the built in USB port which allows for a wide range of programming languages via serial commands.