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# 830nm SureLock Narrow Linewidth MM Fiber Coupled Laser

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Coherent® Surelock™ Mini-Benchtop Laser Systems



Stock **#70-756** **1 In Stock**

-

1

+

A\$9,744<sup>00</sup>

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General

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

Note:

IV

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):   |
| 830.00 ±0.5                        | Center Wavelength CWL (µm): |
| Electrical                         |                             |
| 500                                | 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              |                             |
| <a href="#">View</a>               | 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.