



# OBIS LX/LS Heat Sink

## Heat Sink with Fan for Thermal Management

OBIS LX and OBIS LS laser products come with a variety of accessories to support your application needs.

As with all OBIS LX and OBIS LS lasers, the laser itself offers a stand-alone all-in-one laser solution. The OBIS laser comes with a Power Connection, USB Connection, Fan Connection and a SDR-type Connection for laser control I/O. All of these are on the back panel of every OBIS LX/LS laser.

To simplify integration, the OBIS LX/LS accessories offer a separate Heat Sink with an integrated fan. The Heat Sink offers a convenient way to raise the laser beam height off the table and provide thermal management. The fan simply plugs into the back of the OBIS LX or OBIS LS laser to receive 12V DC power.

### FEATURES

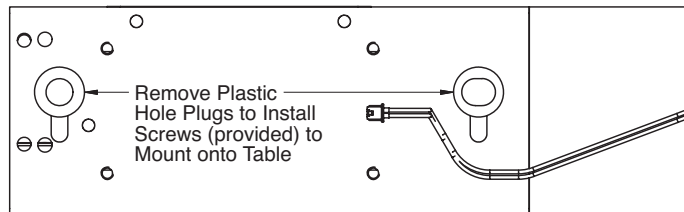
- Small footprint
- Rugged design
- Precision dowel pin laser positioning
- Convenient 69 mm (2.7 inch) beam height
- Integrated cooling fan with vibration isolation
- Output beam centered on standard table bolt pattern
- Universal mounting to imperial or metric bolt pattern
- Proven stable performance over time and temperature
- Fan power connector plugs directly to OBIS Laser Head
- Laser can be mounted on top or side for opposite polarization



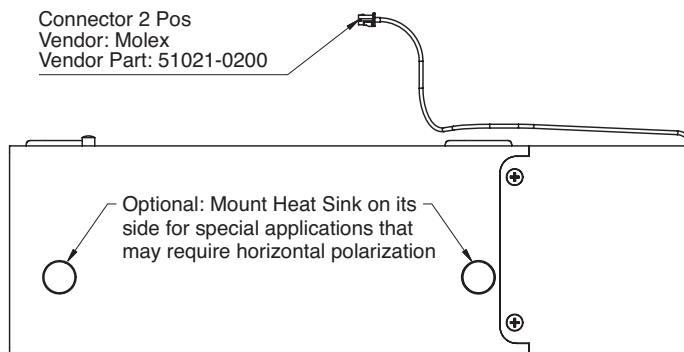
## TOP AND SIDE MOUNT PLUG HOLES




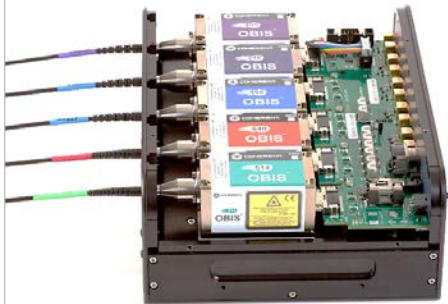
Allow for Heat Sink to be mounted in either direction. Need horizontal polarization – mount the Heat Sink with the laser on the side.

**Top Mount Plug Holes**



**Side Mount Plug Holes**

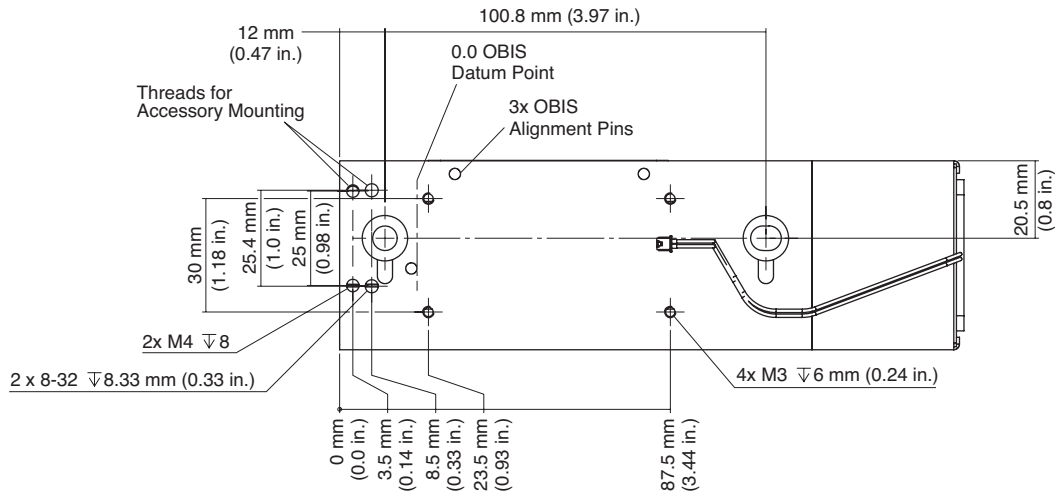


OBIS Laser Remotes	Description
 <p>A compact, black rectangular remote control with a silver front panel. It features a power knob on the left, a green interlock connector, and several status LEDs labeled 'LASER READY', 'FAULT', 'REMOTE CONTROL', and 'CAUTION'. The 'COHERENT' logo is visible on the right side.</p>	<p>OBIS LX/LS Single Laser Remote with full features for control with analog/digital inputs. Includes USB and RS-232 on the Remote.</p>
 <p>A compact, black rectangular remote control with a silver front panel. It features a power knob on the left, a green interlock connector, and six color-coded buttons labeled with wavelengths: 375, 405, 488, 532, 640, and 685. The 'COHERENT' logo is visible on the right side.</p>	<p>OBIS LX/LS 6-Laser Remote with CDRH features. Separate power switches and power cables for each laser.</p>
 <p>A larger, black rectangular remote control with a silver front panel and a built-in screen. The screen displays a menu with options like 'Laser 1', 'Laser 2', 'Laser 3', 'Laser 4', 'Laser 5', and 'Laser 6'. It features a power knob on the left, a green interlock connector, and several status LEDs. The 'COHERENT' logo is visible on the right side.</p>	<p>OBIS LX/LS Scientific Remote with full features for control with analog/digital inputs for up to six lasers. User interface touch screen and connectivity through USB, RS-232 and Ethernet.</p>
 <p>A black metal chassis housing five laser modules. Each module is labeled 'OBIS' and has a different color: purple, blue, green, red, and yellow. The modules are mounted on a green printed circuit board (PCB) with various electronic components. Several cables are connected to the front of the chassis.</p>	<p>OBIS LX/LS Laser Box with five laser mounting bays with thermal management, cooling fans, analog/digital inputs, RS-232, USB, key-switch and interlock in one compact package. Lasers sold separately.</p>

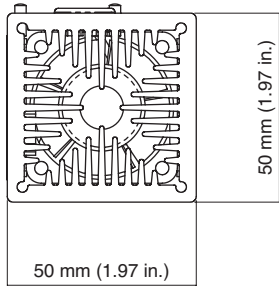
## MECHANICAL SPECIFICATIONS

### OBIS LX/LS Heat Sink

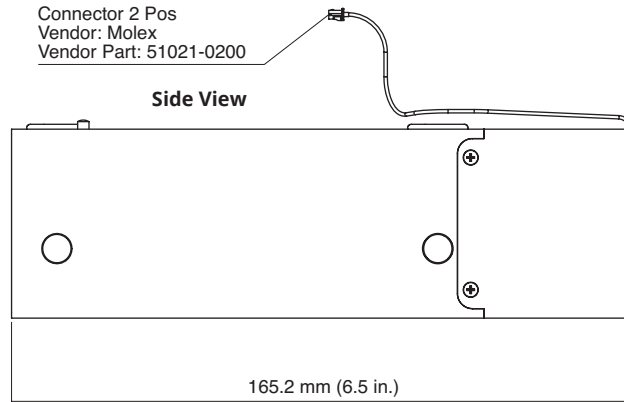
Top View



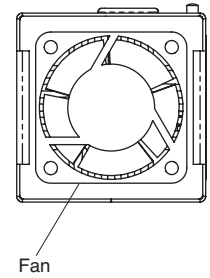
Front View



Side View



Rear View



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Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice. Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all OBIS LX/LS Heat Sinks. For full details of this warranty coverage, please refer to the Service section at [www.Coherent.com](http://www.Coherent.com) or contact your local Sales or Service Representative. Printed in the U.S.A. MC-020-14-0M0317Rev.A Copyright ©2017 Coherent, Inc.