

# MODEL 203 & 205 BUTTERFLY LASERMOUNTS



The model 203 & 205 Butterfly LaserMounts offer solutions for 14-pin and 7-pin butterfly lasers. With zero-insertion-force (ZIF) sockets and fully configurable wiring, these fixtures integrate quickly into your test setup.



## UNIVERSAL WIRING INTERFACE

An easy screw terminal block with color coded wires makes setup simple for any pin configuration.



## QUICK LASER LOADING

Zero-Insertion Force (ZIF) sockets create secure electrical connections in seconds.



## ACTIVE HEATING AND COOLING (MODEL 205)

The 205 LaserMount includes a built-in Peltier device and temperature sensor for bi-polar temperature control.



## COPPER COLD PLATE (MODEL 205)

100% copper cold-plate with hard nickel plating for maximum performance and scratch resistance.



## STANDARDIZED CABLE CONNECTORS

Connect to Arroyo Instruments laser drivers and temperature controllers with standard DB-9 and DB-15 cables.



## OPTIONAL FIBER MANAGEMENT TRAY

Add the fiber management tray for easy handling of even fine optical fibers.

## AT-A-GLANCE

### Butterfly Lasers

- ▶ 14-Pin
- ▶ 7-Pin with SMA/GPO

### Cooling Mode

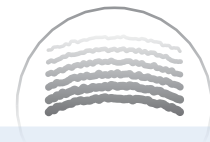
- ▶ Passive Cooling (Model 203)
- ▶ Active Heating & Cooling (Model 205)

### Model 205 Thermal Capacity

- ▶ 3 Watts
- ▶ 8 Watts with optional fan

### Also Includes

- ▶ Fully Configurable Pinout
- ▶ Solder-less wiring



## MAXIMIZED THERMAL PERFORMANCE

For maximum thermal performance, install the optional Fan Base, which adds fan cooling and more than doubles the thermal performance of the mount.

**Combine 200-Series accessories to meet your application needs.**

## ACCESSORIES



### 200-TRAY

#### 200 SERIES FIBER MANAGEMENT TRAY

The 200-TRAY fiber tray bolts directly to the top of the mount and makes fiber management simple.



### 200-C

#### 200 SERIES LASER COVER

The 200-C cover enhances the stability of the laser by minimizing the impact of ambient air currents.



### 200-FAN

#### 200 SERIES FAN BASE

By using a small fan to force air across the mount's heat sink, the efficiency and performance of the mount is significantly increased. For the 203, this means a thermal performance increase from 2.8°C/W to 1.0°C/W, while the 205 has an increase of thermal capacity from 3W to 8W.

## RECOMMENDED CONTROLLERS AND CABLES

The right temperature controller for your application depends on the mount and temperature range your application requires:

### MODEL 203

5240 and 1260B cable suitable for most laser modules.

### MODEL 205

5240 and 1260B cable for case temperature control, a second 5240 and 1260B cable suitable for most laser modules.

## INTERIOR WIRING VIEW



[www.arroyoinstruments.com](http://www.arroyoinstruments.com)



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