

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

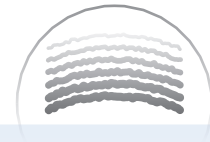
- ▶ Passive Cooling (Model 203)
- ▶ Active Heating & Cooling (Model 205)

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 2.3°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



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