203 Butterfly LaserMount

- Fiber tray, cover, and fan options
- 14-pin Butterfly Lasers
- 7-pin Butterfly Lasers with SMA / RF connectors
- Zero insertion force (ZIF) connection
- Solder-less wiring
- Passive cooling

Overview

The 203 Butterfly LaserMount is an excellent choice for electrical connection and passive cooling of Butterfly laser modules. With optional fiber tray, cover, fan base, and removable connectors, the 203 offers a very flexible solution for butterfly laser applications.

Quick Laser Loading

The 203 makes Loading the laser quick with a zero insertion force socket… simply set the laser into the socket, screw the device to the mount for passive cooling, and close the lead clamp to make electrical connection. The lead clamps are removable for butterfly lasers with GPO or SMA connectors on one side and for easy maintenance in production applications.

Looking For Active Cooling?

If you are looking for a butterfly mount that includes active TEC cooling, take a look at the 205 TEC Butterfly LaserMount.

Accessories

Beyond the mount itself, the 203 works with our optional fiber tray, device cover, and fan base:

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

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

The 200-FAN fan base significantly increases the heat sink performance, from 2.3°C/W to 1.0°C/W.

Easy Wiring

The underside of the mount houses a simple screw terminal wiring setup, with all wires color coded, and the terminals clearly marked to make wiring the mount for your device as easy as possible.

DB-9 & DB-15 Interfaces

The laser driver and temperature controller connections are made through a DB-9 LDD and DB-15 TEC connector on the side of the mount, which allows for quick connections to any Arroyo Instruments controllers.

Specifications	
Laser Package Supported	14-pin Butterfly 7-pin Butterfly w/ GPO or SMA
Input connectors	
Laser Diode	DB-9, male
Laser TEC	DB-15, male
Thermal Performance	**At 25°C ambient**
Without fan base	2.8°C/W
With fan base	1.0°C/W
General	
Size (H x W x D) [in(mm)]	1.55(39) x 3.50(89) x 5.00(127)
Mounting holes	¼-20 through-hole, 3" on center (x2)
Device mounting screws	2-56 x 3/16" stainless steel socket head