

213 DIL LaserMount



- 14-pin DIL Lasers
- 8-pin mini-DIL Lasers (electrical only)
- Zero insertion force (ZIF) connection
- Solder-less wiring
- Passive cooling

Overview

The 213 DIL LaserMount is an excellent choice for electrical connection and passive cooling of DIL laser modules.

Mini-DIL Support

The 213 can also be used for mini-DIL lasers, although only electrical connections can be made.

Quick Laser Connections

The 213 makes connections to the laser quick with a zero insertion force socket... simply slide 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 user replaceable for easy maintenance in production applications.

Looking For Active Cooling?

If you are looking for a DIL mount that includes active TEC cooling, take a look at the 215 TEC DIL LaserMount.

Accessories

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



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



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



The 200-FAN fan base significantly increases the heat sink performance, from 3°C/W to 1.5°C/W.

Easy Wiring

The underside of the mount houses a simple screw terminal wiring setup, with all wires colour 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 DIL or 8-pin mini-DIL (mini-DIL electrical connection only)
Input connectors	
Laser Diode	DB-9, male
Laser TEC	DB-15, male
General	
Size (H x W x D) (mm)	39 x 89 x 127
Mounting holes	¼-20 through-hole, 3" on centre (x2)
Device mounting screws	4-40 x ¼" Socket Head Cap Screw