

207 TEC LaserMount



- Active TEC cooling
- 12W thermal capacity
- Broad range of device support, customized mounting plates available
- Easy wiring to laser or LED

Accessories

Beyond the mount itself, the 207 works with our optional fiber tray and device cover:



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.

Overview

The 207 LaserMount offers excellent cooling performance for lasers in the 5-10W optical power range. Meant primarily for fiber pigtailed lasers, it can also be used for LED testing (it includes a mounting pattern for STAR LEDs).

Pluggable Laser Interface

The 207 features a 6-pin connector for the laser, photodiode, and thermistor connections of the laser. Wiring is done with simple screw terminals, and can be quickly reconfigured for different devices, or additional plug can be ordered to make up multiple wiring harnesses.

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.

Need More Thermal Capacity?

For applications requiring more thermal capacity than the 207 can offer, take a look at the 264, which offers up to 30W of capacity.

Specifications	
Laser Package Supported	Standard Butterfly, AlfaLight AM6, JDSU L3, JDSU L4, Lumics LU09, Scheumann SP940, Star LED's Custom configurations available
Thermal Capacity	12W At 0°C delta from ambient, 25°C ambient temperature
Input connectors	
Laser Diode	DB-9, male
Mount TEC	DB-15, male
General	
Mounting holes	1/4-20 through-hole, 3" on center (x2)
Device mounting screws	0-80 x 1/8" (x4) 2-56 x 1/8" (x4) 4-40 x 1/8" (x6)
Size (H x W x D) [in(mm)]	2.44(62) x 3.50(89) x 5.00(127)