

246 TO-3 LaserMount



Overview

The 246 TO-3 LaserMount was designed for high power TO-3 devices, providing excellent heat sinking and easy electrical connection. The electrical socket comes pre-wired for standard TO-3 pin-outs, so the mount can be up and running in minutes.

TO-3 packages
Passive cooling
Integrated fan
Solder-less connections

The 224 also has an integrated fan for excellent thermal performance. When using the fixture with a 5300 Series TECSource, the 5300 has a built-in power supply for the fan, or a 2.3mm DC power jack on the side of the mount can be used (a suitable one is available in the accessories list).

The 246 is a post-mounted fixture. A pedestal is included with the mount, but can be removed. ¼-20 and M4 threaded holes on the bottom of the mount can be used with alternate post mounts.

DB-9 & DB-15 Interfaces

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

Specifications	
Laser Package Supported	TO-3
Input connectors	
Laser Diode	DB-9, male
Laser TEC	DB-15, male
Fan	2.1mm round, 8 to 12VDC
General	
Size without base (H x W x D) [in(mm)]	4.0 (101.6) x 4.0 (101.6) x 3.5 (76.2) 6-32 X 2 holes fo device
Mounting holes	Slotted holes for ¼-20 (base) ¼-20 x 2 (for post mount) M6 (for post mount)