

264 TEC High Power LaserMount



- TEC controlled
- 30W capacity at 25 °C
- Customizable cold plate

Active Cooling

The 264 TEC LaserMount was designed for high power devices needing active temperature control. With its large heat sink and integrated fan, the 264 can handle high thermal loads and broad temperature ranges.

Customized Device Support

If your device does not fit onto the standard hole patterns, the cold plate on the 264 can be customized to work with your device. Typically all that is needed is the data sheet for your device. Contact the factory for details and a price quote on customization.

Standard Device Support

The standard 264 cold plate has mounting holes that support the following devices:

- JDSU L3
- JDSU L4
- Alfalight AM6
- STAR LEDs
- many others

Optional device-specific electrical interfaces may be available (such as the 2-pin L4 connector shown in the photo above). Contact the factory to see if we have a suitable interface for your laser.

Device Cover

Beyond the mount itself, the 264 works with our optional device cover:



The **260-C** cover enhances the stability of the laser by minimizing the impact of ambient air currents.

Thermistor Control

The mount uses a 10K thermistor for temperature feedback.

Specifications

Laser Package Supported	Various, contact factory
Thermal Capacity	30W At 0°C delta from ambient, 25°C ambient temperature
Cold plate	2.2" x 2.7" solid copper, nickel plated
Input connectors	
Laser Diode	DB-9, male or 9W4, male
Mount TEC	DB-15, male
Temperature Control	
Temperature Range (°C)	+15 to +85
Sensor Type	10kΩ Thermistor
TE Module I _{max} (A)	7.4
TE Module V _{max} (V)	16.4
TE Module Q _{max} (W)	78
General	
Size (H x W x D) [in(mm)]	3.0 (76.2) x 4.5 (114.3) x 6.0 (152.4)
Mounting holes	¼-20 x 4