

Laser Diode Mounting Brackets

Fixed & Multidirectional Mounting Brackets



Features

- 8 models to choose from
- Fixed and multidirectional models available
- Durable
- High-quality
- Precise

Power Technology, Inc. offers a variety of high-quality brackets for precise mounting of your laser module. Our fixed and multidirectional mounting brackets provide an easy, secure means of incorporating our lasers into any number of applications.

The MB1 is a multidirectional, single axis bracket constructed of black anodized aluminum. The MB1 accommodates modules 12.7mm (0.5 inch) in diameter and is ideal for use with PM and RS lasers.

The MB2 is a fixed mounting bracket. Constructed of black anodized aluminum, the MB2 features a split ring clamp. This bracket is available in two sizes. The MB2c, suitable for RS lasers, secures modules 11mm (0.43 inch) in diameter. The MB2a, ideal for PM lasers, accommodates modules 12.7mm (0.5 inch) in diameter.

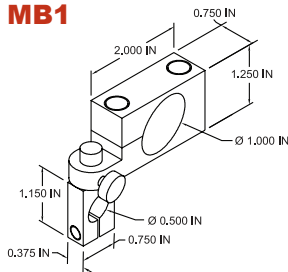
The MB3 provides the highest level of adjustment of all the brackets. This

versatile bracket is multidirectional and features a freely rotating brass ball. The ball allows for 80° conical rotation and is available in two sizes: 11mm (0.43 inch) and 12.7mm (0.5 inch). The 11mm bracket is suitable for our RS module, while the 12.7mm bracket is an excellent choice for the PM. The MB3 is constructed of black anodized aluminum.

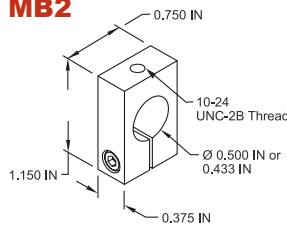
The MB5 and MB6 are fixed mounting brackets constructed of black anodized aluminum. Each features three 1/4–20 mounting holes on the bottom for added stability.

Power Technology's newest series of mounting brackets are the most versatile units to date. The MB8, MB9 and MB10 are multidirectional on both the X and Y axes. This series of brackets features 34° of rotation on the X and Y axes on the centerline of the module. This allows for better alignment of the laser beam to your application's demands.

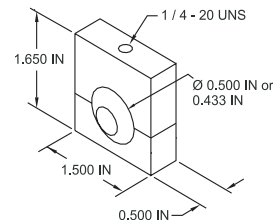
MB1



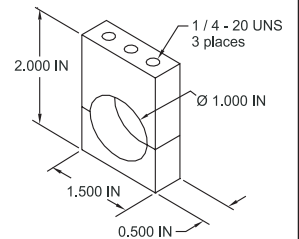
MB2



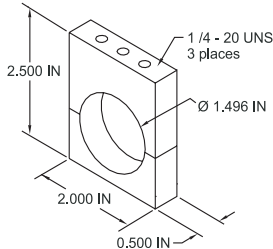
MB3



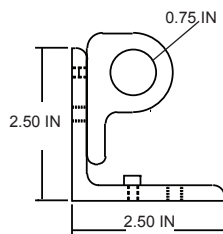
MB5



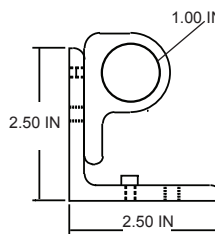
MB6



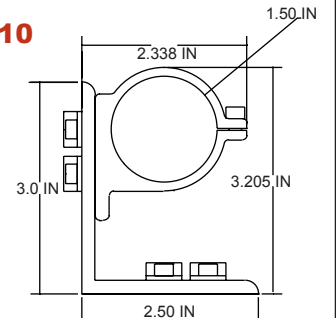
MB8



MB9



MB10



Detailed engineering drawings are available to facilitate the integration of the brackets into your application.

Please contact one of our sales engineers if you have any questions.

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