

BRACKETS

- * Compact Size
- * Adjustable motion easily locked down
- * Useful for prototyping or in finished product
- * Heat sink and non-conducting models available



Style A



Style B



Style C

Style D

Metal Brackets

Provide additional heat sink protection to the laser diode module. Laser diode modules are positive to the case for optimal heat sinking. Do not mount metal brackets to the negative supply or negative earth without additional electrical isolation.

LB-A-Y (Y = 25, 20, 16)

Adjustable angle of 103° tilt, with coarse and fine translation orthogonal to component axis. Two lock down screws.

LB-B-Y (Y = 16, 14)

Adjustable angle of 40° tilt with coarse translation adjustment orthogonal to component axis. Set screw secures component.

LB-C-Y (Y = 16, 14)

Painted brass and steel construction. Classic ball and socket design offers wide range of motion.

Polymer Brackets

These brackets are nonconductive and are designed to maximize air convection cooling. For optimal cooling, clamp laser diode modules near the electrical input end.

LB-D-Y (Y = 25, 16, 12.7, 12, 10.5)

Delrin and aluminum construction. Full 360° rotation around two orthogonal axes. Translation is adjustable along long dimension of the mounting block and the post. Single fastener controls both rotation variables, post translation, and secures component.



Bracket X=A-D	Hole Diam. (ID mm) Y	Sleeve Adapters (ID mm) [Z]	Mounting Slot (mm)
LB-A-25	25	n/a	12 x 6
LB-A-20	20	18	12 x 6
LB-A-16	16	14, 12.7	12 x 6
LB-B-16	16	14, 12.7	20 x 6
LB-B-14	14	12, 10.5	20 x 6
LB-C-16	16	14, 12.7	10 x 6
LB-C-14	14	12, 10.5	10 x 6
LB-D-25	25	n/a	17 x 7
LB-D-16	16	n/a	17 x 7
LB-D-12.7	12.7	n/a	17 x 7
LB-D-12	12	n/a	17 x 7
LB-D-10.5	10.5	n/a	17 x 7

Bracket Part Numbering scheme: LB-X-Y [-Z] (Z if applicable).

