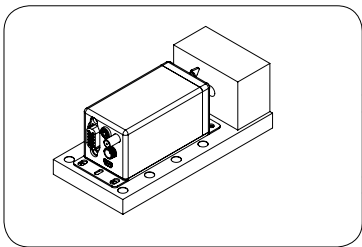


FIC-05

Mounting mechanics for MLD Series lasers for direct attachment of fiber couplers

Fiber coupling options are available for all visible Cobolt lasers. The option FIC-05 described here is recommended for the o6-01 Series lasers. This option consists of a heat-sink/mounting plate and a coupling block to mount the fiber coupler onto. Fiber coupling options for either multimode fiber (MM) or singlemode polarization maintaining (SM/PM) fiber can be supplied. This FIC-05 is also available with no fiber coupling for customers who already have a coupling solution. To ensure operation within given specifications and for the warranty to be valid, the Laser Head must be attached to a heatsink providing good thermal resistance and it is recommended to use a thermal heat compound between the laser head and the heat sink to provide good thermal contact. The FIC-05 can be bolted to a standard metric optical table.



Specifications

Cobolt model number	FIC-05
Thermal resistance	>1.2K/W
Material	Aluminium
FIC-03 is suitable for use with laser models o6-01:	Cobolt MLD™ 405nm Cobolt MLD™ 445nm Cobolt MLD™ 473nm Cobolt MLD™ 488nm Cobolt MLD™ 515nm Cobolt DPL™ 532nm Cobolt DPL™ 561nm Cobolt MLD™ 638nm Cobolt MLD™ 660nm
Laser head dimensions [mm] [inch]	140 x 65 x 52 5.5 x 2.5 x 2

