



FIC-01 Mounting plate for laser-to-fiber coupling with beam access

For multimode or single mode with polarisation maintaining fiber coupling.

Fiber coupling options are available for all visible Cobolt lasers. The option FIC-01 described here is recommended for fiber coupling when beam access before the fiber is needed. This option consists of a heat-sink/mounting plate for the laser 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. For MM fiber coupling we offer a receptacle style coupler (with angled FC/PC connector) and MM fiber from Oz Optics. For singlemode PM fiber coupling we offer pre-aligned solutions from Point Source. The output is either collimated to 0.7mm beam diameter or non-collimated, with an APC or FCP8 connector. This FIC-01 is also available with no fiber coupling for customers who already have a coupling solution. For other options please contact the factory.

Specifications

Cobolt model number	FIC-01
Thermal resistance	>1.2K/W
Material	Aluminium
FIC-01 is suitable for use with laser models 04-01 (including Cobolt Modulated DPSS lasers)	Cobolt Twist™ 457nm Cobolt Blues™ 473nm Cobolt Calypso™ 491nm Cobolt Fandango™ 515nm Cobolt Samba™ 532nm Cobolt Jive™ 561nm
Dimensions [mm] [inch]	185 x 140 7.3 x 5.5

