

# Cobolt FIC-04

## Mounting plate for laser-to-fiber coupling with beam access

Cobolt model number	FIC-04
Thermal resistance	< 0.25 K/W
Material	Aluminium
FIC-04 is suitable for use with all Cobolt lasers in the following models:	Cobolt 04-01 Series Cobolt 05-01 Series Cobolt Modulated DPSS lasers
Dimensions [mm] [inches]	226 x 118 8.9 x 4.6
with Cobolt 04-01 Series	D = 90 mm [3.5 in] H = 94 mm [3.7 in] L = 73 mm [2.9 in]
with Cobolt 05-01 Series	D = 93 mm [3.7 in] H = 99 mm [3.9 in] L = 76 mm [3.0 in]

Fiber coupling options are available for all Cobolt lasers. The option FIC-04 is recommended for Cobolt 05-01 Series, Cobolt Modulated DPSSLs & high power Cobolt 04-01 Series lasers. The option consists of a fanned heatsink and a coupling block to mount the fiber coupler onto. Fiber coupling options for either multimode fiber (M/M) or single-mode polarization maintaining (SM/PM) fiber can be ordered separately. The FIC-04 can be bolted to a standard metric or imperial optical table.



*Illustration of possible configuration. Laser and fiber coupling option should be ordered separately.*

