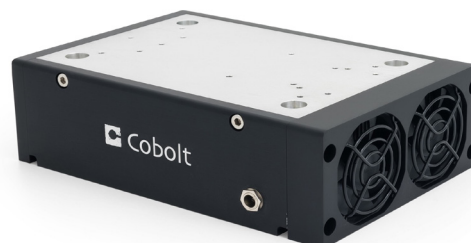


Cobolt HS-04 Heatsink

Heatsink with fans for high power lasers

Cobolt model number	HS-04
Thermal resistance	0.25 K/W
Material	Aluminium
HS-04 is suitable for use with laser in Series:	Cobolt 05-01 Series Cobolt Tor™ Cobolt Odin™ Cobolt Rogue™
Dimensions [mm] [inches]	176 x 118 x 54 6.9 x 4.6 x 2.1
Power supply requirement	12VDC 0,66V
Weight	1,5 kg



To ensure operation within given specifications, the Laser Head must be attached to a heatsink providing good thermal resistance. The value is the difference between the maximum operating laser base plate temperature (50°C) and the maximum ambient temperature at the air-heatsink interface (40°C), divided by the maximum power dissipated from the laser head (~50W). The mounting surface should be flat

(within 0.05 mm over mounting surface).

It is recommended to use a thermal heat compound between the laser head and the heat sink to provide good thermal contact. It is designed to accommodate all Cobolt laser model 05-01 Series footprints and can be bolted to a standard metric optical table.

