

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 baseplate 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 heatsink to provide good thermal contact. It is designed to accommodate all Cobolt laser model 05-01 Series footprints including the Cobolt Tor™, Cobolt Odin™ and Cobolt Rogue™ and can be bolted to a standard metric optical table.

