

passive cooling block

HSP- series of passive air coolers

Thermoelectric coolers are well suited for cooling of diode lasers, especially for stabilizing temperature at the laser diode.

Ostech HSP-series could handle up to 280W(380W) of heat-loss for instance from laser diodes with integrated peltier elements. Cooling capacity is given for 25°C air temperature. It strongly depends on environmental behaviour.

Drill pattern depends on mounted device. OsTech offer some standards for often used laser modules.

Only high reliable components are used for cooler assemblies.



Profile: 62mm x 100mm x 74mm

Profile: 125mm x 160mm x 74mm

Profile: 160mm x 160mm x 85mm

Max. heat loss: 75W

Max. heat loss: 200W

Max. heat loss: 270W

Fan voltage: 12V/24V

Fan voltage: 24V

Fan voltage: 24V

Selection of some standard device configurations:

Type	Device name	Max. heat loss	Laser assembled
413	HSP200-125160-F09-B09-M00-D02-S3-413	200W	JOLD-45-CPXF
302	HSP380-120120-F07-B05-M00-D03-S2-302	380W	JOLD-75-CPXF
	HSP270-160160-	270W	