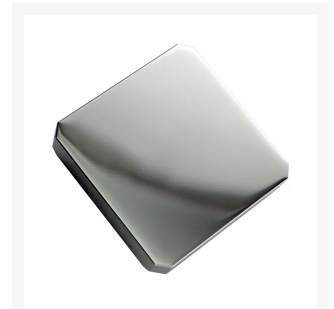




Koolance PLT-UN45P Cold Plate, 45mm x 45mm (1.8in x 1.8in)

\$60.49

Product Images



Short Description

PLT-UN45F is a general-purpose cold plate for thermal applications such as TEC, LED, image sensor, and semiconductor cooling. The cooling area footprint is 45mm x 45mm (1.8in x 1.8in), and it utilizes a square peg array internal structure.

Description

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One loose steel bracket is included, designed for easy fabrication and modification (see dimensions under the "Files" tab). The included bracket accommodates diagonal mounting hole distances from approximately 67mm to 95mm (2.64in to 3.7in). The top two screws are for bracket orientation only, and may be removed from the cold plate to freely rotate the bracket.

Cold plate materials include copper, a brass top, anti-corrosive nickel plating, and EPDM o-ring. Threaded for G 1/4 BSPP fittings.

Specifications

Flow Resistance @ 5LPM (10-13mm ID)	0.049kgf/cm ² (0.7psi)
Thermal Resistance @ 5LPM (Approx.)	0.07°C/W
General	
Weight	0.50 lb (0.23 kg)
Fitting Thread	G 1/4 BSPP
Materials	Nickel-Plated Copper, Nickel-Plated Brass, EPDM
Max Pressure @ 25°C	10kgf/cm ² (142.2psi)
Max Temperature	100°C (212°F)

Additional Information

Brand	Koolance
SKU	PLT-UN45P
Weight	0.8000
Color	Silver
Block Style	Nickel

