

Peltier Thermo-Electric Cooler Module - 12V 5A

PRODUCT ID: 1330

43 IN STOCK

1

ADD TO CART

1-9

10-99

100+

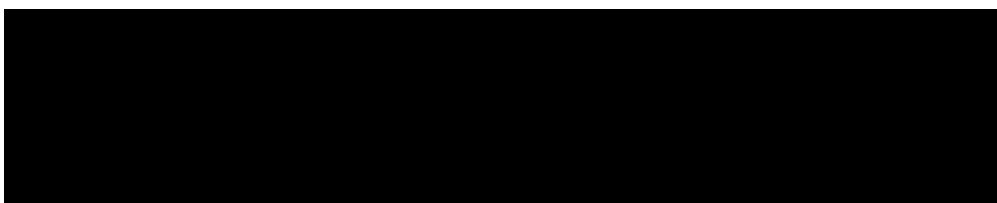
ADD TO WISHLIST

[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

Keep it cool with a Peltier module. These unique electronic components can generate a temperature differential when powered. That is to say, apply 12V to the red (positive) and black (negative) wires and one side will get cold while the other side gets hot. For best results, you'll need to wick away that heat (otherwise the cold side will slowly get warmer). A fan and/or heatsink is ideal.

This module is a 12V module, and is rated for ~72W max (up to 14V/6A) but when used with a regulated 12V output they don't draw more than 5A so we suggest our 12V/5A power adapter for use.





Peltier Thermo-Electric Cooler Module - 12V 5A (5:20)

TECHNICAL DETAILS

- Max current: 6A @ 12V
- Suggested Voltage range: 12V to 15.5V
- Maximum temperature differential ($T_{max} @ Q_c = 0$): 66°C
- Maximum cooling power (Q_{cmax}) @ 15.3V: 97W
- 127 Peltier elements
- DC Resistance: 2.5 ohms
- Silicone seal
- Dimensions: 40mm / 1.57" x 40mm / 1.57" x 3.5mm / 0.13"
- Wire Length: 339.72mm / 13.32"
- Weight: 20.68g



MAY WE ALSO SUGGEST...



12V 5A switching power



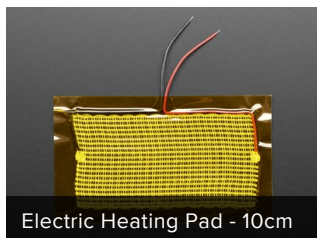
Female DC Power adapter -



Peltier Thermo-Electric



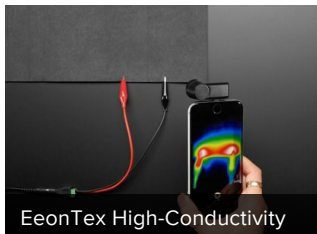
Peltier Thermo-Electric



Electric Heating Pad - 10cm



Miniature 5V Cooling Fan



EeonTex High-Conductivity

DISTRIBUTORS [EXPAND TO SEE DISTRIBUTORS](#)

SUPPORT

DISTRIBUTORS

EDUCATORS

JOBS

FAQ

SHIPPING & RETURNS

TERMS OF SERVICE

PRIVACY & LEGAL

ABOUT US

is to get permission" - Grace Hopper

ENGINEERED IN NYC Adafruit®



4.9 ★★★★★
Google
Customer Reviews