

Coherent® Fan-Cooled Thermopile Sensor PM300F-50 1098417 | 300W Max Power

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Coherent® Fan-Cooled Thermopile Sensors

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⊖ 1 ⊕ £2,076⁰⁰

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Product Downloads

General

1098417	Model Number:
Meter required	Type:
1	Calibration Uncertainty (%):
Fan	Cooling Method:

Compatible Meters:

#35-203, #12-393, #59-978,
#88-411, #66-277, #88-412

Physical & Mechanical Properties

50 **Active Area Diameter (mm):**

127 x 127 x 127 **Dimensions (mm):**

Optical Properties

514 **Calibration Wavelength (nm):**

250 - 11000 **Wavelength Range (nm):**

0.25-11 **Wavelength Range (µm):**

Electrical

0.1 **Power Resolution (W):**

1W-300W **Power Range:**

300 **Maximum Power (W):**

1 **Minimum Power (W):**

Hardware & Interface Connectivity

DB-25 **Computer Interface:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Designed to Measure Laser Power up to 300W
- Ideal for Applications where Water-Cooling is Not Possible
- Compact Size for Portability and Use in Field Applications

Coherent® Fan-Cooled Thermopile Sensors are an excellent option for measuring high-powered lasers in environments where water-cooled thermopile sensors cannot be used. The fan cooling system makes it possible for these thermopile sensors to provide continuous power monitoring of lasers up to 300W. Additionally, the large 50mm aperture size allows for easy laser alignment for quick data acquisition. Coherent® Fan-Cooled Thermopile Sensors feature a compact size and easy set up procedure, making them ideal for use in the field or production testing. The high power resolution of these sensors ensures that accurate measurements are made for their large range of accepted laser powers.