See all 7 Products in Family

Coherent® Beam Position Thermopile Power Sensors 1098320 | 100mW-45W

See More by Coherent®

Stock **#12-398** CONTACT US

- 1 + **€1.660**.00

ADD TO CART

Volume Pricing	
Qty 1+	**€1.660,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:
LM-45 HTD Coherent Part Number: 1098320

Type:
Meter required

Linearity (%):
±1

Calibration Uncertainty (%):
±2

Long Pulse Joule Mode Range (J):
0.5 - 10

Long Pulse Joule Mode Accuracy (%):
±3

Cooling Method:
Air

Compatible Meters:
#35-203, #59-978, #88-411, #66-277

Physical & Mechanical Properties

Active Area Diameter (mm):
19

Optical Properties

Calibration Wavelength (nm):
10,600

Wavelength Range (µm):
0.25 - 10.6

Sensor

Type of Sensor:
Quad Element Thermopile

Electrical

Spectral Compensation Accuracy (%):
±1.5

Maximum Incident Beam Power (W):
45

Hardware & Interface Connectivity

Length of Cable (m):
2.5

Computer Interface:
DB-25

Regulatory Compliance

RoHS 2015:
Exempt

Reach 224:
Contains SVHC(s)

Certificate of Conformance:
View

Product Details

- Thermopile Detector Element for High Power Measurements
- Measure Beam Position on Detector Surface
- ISO 17025 Certified

Coherent® Beam Position Sensing Thermopile Power Sensors are all-purpose sensors designed to measure the average power or energy of a wide variety of continuous wave or pulsed lasers. Coherent Beam Position Sensing Thermopile Power Sensors utilize a quadrant thermopile detector disk to sense the position of the laser beam on the detector surface while measuring the laser power. Coherent thermopile sensors can operate across a wide range of input powers, and do not saturate.

Note: The LM-20 is designed for embedded use and must be mounted on a heat sink.

;