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Coherent® PowerMax Wand 1299161 | 325 - 1065nm

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General

Type of Optics:
Diffuse Quartz

Linearity (%):
±1

Calibration Uncertainty (%):
±1

Cooling Method:
Air

Response Time (s):
0.5

Physical & Mechanical Properties

Active Area Diameter (mm):
8

Optical Properties

Calibration Wavelength (nm):
514

Wavelength Range (nm):
325 - 1065

Sensor

Type of Sensor:
Silicon

Electrical

Spectral Compensation Accuracy (%):
±4 (325 - 900nm)
±5 (900 - 1065nm)

Maximum Incident Power Density (W/cm^2):
20

Power Range:
8.5µW - 140mW

Noise Equivalent Power:
170nW

Hardware & Interface Connectivity

Length of Cable (m):
2.5

Computer Interface:
USB

Regulatory Compliance

RoHS 2015:
Exempt

Reach 224:
Contains SVHC(s)

Certificate of Conformance:
View

Product Details

- High Sensitivity Silicon Photodiode
- Slim Profile
- Ideal for CW or Pulsed Laser Measurements

The Coherent® PowerMax Wand utilizes a high-sensitivity silicon photodiode for continuous wave or pulsed laser measurement from the ultraviolet to the infrared. The Coherent PowerMax Wand is ideal for power measurements from 8.5µW to over 140mW depending on the laser wavelength, and for pulsed lasers greater than 50pps. This USB-powered laser measurement device utilizes spectrally calibrated filters to attenuate the laser beam, allowing for a higher average power measurement than is typically possible with a photodiode.

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