

Coherent® PowerMax Wand 1299161 | 325 - 1065nm

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General

Diffuse Quartz **Type of Optics:**

±1 **Linearity (%):**

±1 **Calibration Uncertainty (%):**

Air **Cooling Method:**

0.5 **Response Time (s):**

Physical & Mechanical Properties

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

Optical Properties

514 **Calibration Wavelength (nm):**

325 - 1065 **Wavelength Range (nm):**

Sensor

Silicon **Type of Sensor:**

Electrical

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

20 **Maximum Incident Power Density (W/cm²):**

8.5 μ W - 140mW **Power Range:**

170nW **Noise Equivalent Power:**

Hardware & Interface Connectivity

2.5 **Length of Cable (m):**

USB **Computer Interface:**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[Contains SVHC\(s\)](#) **Reach 224:**

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

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 8.5 μ W 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.