

# Coherent® PowerMax Wand 1299161 | 325 - 1065nm

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## Product Downloads

## General

Diffuse Quartz	<b>Type of Optics:</b>
±1	<b>Linearity (%):</b>
±1	<b>Calibration Uncertainty (%):</b>
Air	<b>Cooling Method:</b>
	<b>Response Time (s):</b>

0.5

## 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/cm<sup>2</sup>):**

8.5µW - 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 8.5µW 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.