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# Coherent® High Sensitivity Optical Power Sensor 1098416 | IR, 800-1800nm

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Stock #59-980 **2 In Stock**

⊖ 1 ⊕ S\$1,547<sup>00</sup>

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#### General

**Model Number:**  
OP-2 IR  
Coherent Part Number: 1098416

**Type:**  
[Meter required](#)

**Calibration Uncertainty (%):**  
±4.5

**Cooling Method:**

Air

Compatible Meters:

[#35-203](#), [#12-393](#), [#59-978](#),  
[#88-411](#), [#66-277](#), [#88-412](#)

### Physical & Mechanical Properties

Active Area Diameter (mm):

5.0

### Optical Properties

Wavelength Range (nm):

800 - 1800

### Sensor

Type of Sensor:

Germanium

### Electrical

Maximum Incident Beam Power (mW):

10

Minimum Incident Beam Power (nW):

10

Resolution (nW):

1

Power Range:

10nW - 10mW

### Hardware & Interface Connectivity

Length of Cable (m):

1.8

Computer Interface:

DB-25

### Regulatory Compliance

RoHS 2015:

[Exempt](#)

Reach 224:

[Contains SVHC\(s\)](#)

Certificate of Conformance:

[View](#)

## Product Details

- Utilize Silicon or Germanium Detectors
- Ideal for nW to Low mW CW Laser Measurements
- Removable Light Shield
- Compatible with [Coherent® Laser Power and Energy Meters](#)

Coherent® High Sensitivity Optical Power Sensors are semiconductor sensors designed for nanowatt to low milliwatt continuous wave laser measurements. These semiconductor sensors are available for detection from the ultraviolet to the infrared, and feature a removable light shield. An attenuator is also available that will boost power up to 5W.

**Note:** OP-2 sensors are compatible with the LabMax-Pro ([#35-203](#)), LabMax-TOP/TO ([#88-412](#)), FieldMaxII-TOP/TO ([#66-277](#)), and FieldMate ([#59-978](#)) meters.