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Coherent® High Sensitivity Optical Power Sensor 1098313 | VIS, 400-1060nm

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General

Model Number:
OP-2 VIS
Coherent Part Number: 1098313

Type:
Meter required

Calibration Uncertainty (%):
±12.0 from 440 to 445nm

±5.0 from 450 to 1100nm

Cooling Method:
Air

Compatible Meters:
#35-203, #12-393, #59-978, #88-411, #66-277, #88-412

Physical & Mechanical Properties

Active Area Diameter (mm):
7.9

Optical Properties

Wavelength Range (nm):
400 - 1100

Sensor

Type of Sensor:
Silicon

Electrical

Maximum Incident Beam Power (mW):
50

Minimum Incident Beam Power (nW):
10

Resolution (nW):
1

Power Range:
10nW - 30mW

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.

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