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Coherent® EnergyMax 1191436 | 12μJ - 20mJ, USB

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Coherent® EnergyMax Laser Energy Sensors

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A\$4,328⁰⁰

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General

Model Number:
 J-10MB-HE
 Coherent Part Number: 1191436

Type:
 Meterless

Linearity (%):
 ±3

Calibration Uncertainty (%):
 ±2

Noise Equivalent Energy (μJ):

<1.2

Maximum Incident Energy Density:
500mJ/cm² (10ns, 1064nm)

Energy Range:

12 μJ - 20mJ

Physical & Mechanical Properties

Active Area Diameter (mm):

10

Optical Properties

Calibration Wavelength (nm):

1064

Maximum Pulse Width (μs):

17

Wavelength Range (nm):

190 - 12000

Sensor

Type of Sensor:

Pyroelectric

Electrical

Maximum Repetition Rate (pps):

1000

Maximum Incident Beam Power (W):

4

Hardware & Interface Connectivity

Connector:

USB

Length of Cable (m):

3.0

Regulatory Compliance

RoHS 2015:

[Exempt](#)

Reach 224:

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

Certificate of Conformance:

[View](#)

Product Details

- ISO 17025 Certified
- Embedded Spectral Compensation Characteristics
- Automatic Temperature Compensation

Coherent® EnergyMax Laser Energy Sensors are designed for a variety of demanding laser measurement applications. These energy sensors, available in meter or meterless USB configurations, incorporate a diffuse coating to minimize specular reflection and feature large active areas. The J-50MB-YAG combines the MaxBlack coating with a diffuser for use with high energy lasers of up to 3J. Coherent® EnergyMax Laser Energy Sensors utilize onboard sensors to automate temperature compensation for improved measurement accuracy.