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Coherent® EnergyMax 1191435 | 500nJ-600μJ, USB

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Coherent® EnergyMax Laser Energy Sensors

Stock #88-422 [CONTACT US](#)

- 1 + C\$3,787⁰⁰

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Qty 1+	C\$3,787.00 each
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General

Model Number:
J-10MB-LE
Coherent Part Number: 1191435

Type:
Meterless

Linearity (%):
±3

Calibration Uncertainty (%):
±2

Noise Equivalent Energy (μJ):

<0.05

Maximum Incident Energy Density:

500mJ/cm² (10ns, 1064nm)

Energy Range:

500nJ - 600 μJ

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.