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

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Coherent® EnergyMax Laser Energy Sensors

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

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 1

+

£2,164^{.00}

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Product Downloads

General	
Model Number:	
J-10MB-LE Coherent Part Number: 1191435	
Type:	
Meterless	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<0.05	Noise Equivalent Energy (μJ):
500mJ/cm² (10ns, 1064nm)	Maximum Incident Energy Density:

500nJ - 600μJ	Energy Range:
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Physical & Mechanical Properties

10	Active Area Diameter (mm):
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Optical Properties

1064	Calibration Wavelength (nm):
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17	Maximum Pulse Width (μs):
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190 - 12000	Wavelength Range (nm):
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Sensor

Pyroelectric	Type of Sensor:
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Electrical

1000	Maximum Repetition Rate (pps):
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4	Maximum Incident Beam Power (W):
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Hardware & Interface Connectivity

USB	Connector:
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3.0	Length of Cable (m):
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Regulatory Compliance

Exempt	RoHS 2015:
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Contains SVHC(s)	Reach 224:
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View	Certificate of Conformance:
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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.