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Coherent® EnergyMax 1191437 | Nd:YAG Sensor, 2.4mJ-3J, USB

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Coherent® EnergyMax Laser Energy Sensors

Stock **#88-421** **3 In Stock**

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1

+

€3.200¹⁰⁰

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Qty 1+	€3.200,00 each
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Product Downloads

General	
Model Number:	
J-50MB-YAG Coherent Part Number: 1191437	
Type:	
Meterless	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<240	Noise Equivalent Energy (μJ):
	Maximum Incident Energy Density: 14J/cm ² (10ns, 1064nm) 2.8J/cm ² (10ns, 532nm) 0.75J/cm ² (10ns, 355nm) 1.0J/cm ² (10ns, 266nm)

2.4mJ - 3J	Energy Range:
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Physical & Mechanical Properties

35	Active Area Diameter (mm):
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Optical Properties

1064	Calibration Wavelength (nm):
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340	Maximum Pulse Width (μs):
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266 - 2100	Wavelength Range (nm):
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Sensor

Pyroelectric	Type of Sensor:
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Electrical

50	Maximum Repetition Rate (pps):
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20	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-50IMB-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.