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Coherent® EnergyMax 1110574 | 500μJ-1000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#12-390** **2 In Stock**

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1

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€2.195^{.00}

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Product Downloads

General	
Model Number:	
J-50MT-10KHZ Coherent Part Number: 1110574	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<16	Noise Equivalent Energy (μJ):
#35-203	Compatible Meters:

500mJ/cm² (10ns, 1064nm)	Maximum Incident Energy Density:
500μJ - 1J	Energy Range:

Physical & Mechanical Properties	
50	Active Area Diameter (mm):

Optical Properties	
1064	Calibration Wavelength (nm):
1.7	Maximum Pulse Width (μs):

190 - 2100	Wavelength Range (nm):
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Sensor	
Pyroelectric	Type of Sensor:

Electrical	
10000	Maximum Repetition Rate (pps):
20	Maximum Incident Beam Power (W):

Hardware & Interface Connectivity	
DB25	Connector:
2.5	Length of Cable (m):

Regulatory Compliance	
Exempt	RoHS 2015:
Contains SVHC(s)	Reach 224:

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.