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Coherent® EnergyMax 1110746 | 500μJ-1000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#12-386** [CONTACT US](#)

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1

+

€1.760¹⁰⁰

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Product Downloads

General	
Model Number:	
J-25MB-HE Coherent Part Number: 1110746	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<16	Noise Equivalent Energy (μJ):
#35-203 or #66-277	Compatible Meters:
500mJ/cm² (10ns, 1064nm)	Maximum Incident Energy Density:
500μJ - 1J	Energy Range:
#88-412	Preferred Meter:

Physical & Mechanical Properties

25	Active Area Diameter (mm):
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Optical Properties

1064	Calibration Wavelength (nm):
17	Maximum Pulse Width (μs):

190 - 12000	Wavelength Range (nm):
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Sensor

Pyroelectric	Type of Sensor:
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Electrical

1000	Maximum Repetition Rate (pps):
5	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:

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.