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Coherent® EnergyMax 1110856 | 100nJ-200μJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#12-385** [CONTACT US](#)

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1

+

€1.825^{.00}

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Qty 1+	€1.825,00 each
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Product Downloads

General	
Model Number:	
J-10MT-10KHZ Coherent Part Number: 1110856	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<10	Noise Equivalent Energy (μJ):
	Compatible Meters:
#35-203	

50mJ/cm ² (10ns, 1064nm)	Maximum Incident Energy Density:
	Energy Range:
100nJ - 200μJ	

#88-412	Preferred Meter:

Physical & Mechanical Properties

10	Active Area Diameter (mm):

Optical Properties

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

190 - 2100	Wavelength Range (nm):

Sensor

Pyroelectric	Type of Sensor:

Electrical

10000	Maximum Repetition Rate (pps):
	Maximum Incident Beam Power (W):
1	

Hardware & Interface Connectivity

DB25	Connector:
	Length of Cable (m):
2.5	

Regulatory Compliance

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

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.