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Coherent® EnergyMax 1110747 | 50μJ-100mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

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⊖ 1 ⊕ £1,608⁰⁰

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Qty 1+	£1,608.00 each
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Product Downloads

General

Model Number:

J-25MT-10KHZ
Coherent Part Number: 1110747

Type:

[Meter required](#)

Linearity (%):

±3

Calibration Uncertainty (%):

±2

<2	Noise Equivalent Energy (µJ):
#35-203	Compatible Meters:
500mJ/cm ² (10ns, 1064nm)	Maximum Incident Energy Density:
50µJ - 100mJ	Energy Range:
#88-412	Preferred Meter:
Physical & Mechanical Properties	
25	Active Area Diameter (mm):
Optical Properties	
1064	Calibration Wavelength (nm):
1.7	Maximum Pulse Width (µs):
190 - 2100	Wavelength Range (nm):
Sensor	
Pyroelectric	Type of Sensor:
Electrical	
10000	Maximum Repetition Rate (pps):
10	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.