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

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Coherent® EnergyMax Laser Energy Sensors

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+

S\$2,814^{.00}

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General	
J-25MT-10KHZ Coherent Part Number: 1110747	
Model Number:	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<2	Noise Equivalent Energy (μJ):
	Compatible Meters:
#35-203	

Maximum Incident Energy Density: 500mJ/cm ² (10ns, 1064nm)	
50μJ - 100mJ	Energy Range:

Preferred Meter:	
#88-412	

Physical & Mechanical Properties

25	Active Area Diameter (mm):
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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:
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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:
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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.