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Coherent® EnergyMax 1110855 | 300nJ-600μJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#66-281** [CONTACT US](#)

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1

+

£1,252⁰⁰

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Product Downloads

General	
Model Number:	
J-10MB-LE Coherent Part Number: 1110855	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<0.02	Noise Equivalent Energy (μJ):
	Compatible Meters: #35-203, #66-277, #88-412
Maximum Incident Energy Density: 500mJ/cm² (10ns, 1064nm)	
Energy Range: 300nJ - 600μJ	
Preferred Meter: #88-412	
Physical & Mechanical Properties	
Active Area Diameter (mm): 10	
Optical Properties	
Calibration Wavelength (nm): 1064	
Maximum Pulse Width (μs): 17	
Wavelength Range (nm): 190 - 12000	
Sensor	
Type of Sensor: Pyroelectric	
Electrical	
Maximum Repetition Rate (pps): 1000	
Maximum Incident Beam Power (W): 4	
Hardware & Interface Connectivity	
Connector: DB25	
Length of Cable (m): 2.5	
Regulatory Compliance	
RoHS 2015: Exempt	
Reach 224: Contains SVHC(s)	
Certificate of Conformance: View	

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.