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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

+

S\$2,191^{.00}

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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	

500mJ/cm ² (10ns, 1064nm)	Maximum Incident Energy Density:
Energy Range:	
300nJ - 600μJ	

Preferred Meter:	
#88-412	

Physical & Mechanical Properties

10	Active Area Diameter (mm):
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Optical Properties

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

190 - 12000	Wavelength Range (nm):
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Sensor

Type of Sensor:	
Pyroelectric	

Electrical

1000	Maximum Repetition Rate (pps):
Maximum Incident Beam Power (W):	
4	

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:
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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.