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Coherent® EnergyMax 1110843 | 10μJ-20mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#66-280** [CONTACT US](#)

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1

+

£1,252⁰⁰

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Product Downloads

General	
Model Number:	
J-10MB-HE Coherent Part Number: 1110843	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<0.5	Noise Equivalent Energy (μJ):
	Compatible Meters: #35-203, #66-277, #88-412
Maximum Incident Energy Density: 500mJ/cm² (10ns, 1064nm)	
10μJ - 20mJ	Energy Range:
Preferred Meter: #88-412	
Physical & Mechanical Properties	
10	Active Area Diameter (mm):
Optical Properties	
1064	Calibration Wavelength (nm):
17	Maximum Pulse Width (μs):
Wavelength Range (nm): 190 - 12000	
Sensor	
Pyroelectric	Type of Sensor:
Electrical	
1000	Maximum Repetition Rate (pps):
4	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.