

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

See More by [Coherent®](#)



Coherent® EnergyMax Laser Energy Sensors

Stock **#66-280** **2 In Stock**

-

1

+

€1.669⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€1.669,50 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Model Number:

J-10MB-HE
Coherent Part Number: 1110843

Type:

Meter required	
±3	Linearity (%):
±2	Calibration Uncertainty (%):
<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):
190 - 12000	Wavelength Range (nm):
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.