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

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Coherent® EnergyMax Laser Energy Sensors

Stock **#66-280** **1 In Stock**

⊖ 1 ⊕ £1,252<sup>00</sup>

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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  | <b>Noise Equivalent Energy (μJ):</b>    |
| <a href="#">#35-203</a> , <a href="#">#66-277</a> , <a href="#">#88-412</a> | <b>Compatible Meters:</b>               |
| 500mJ/cm <sup>2</sup> (10ns, 1064nm)  | <b>Maximum Incident Energy Density:</b> |
| 10μJ - 20mJ   | <b>Energy Range:</b>                    |
| <a href="#">#88-412</a>   | <b>Preferred Meter:</b>                 |
| <b>Physical &amp; Mechanical Properties</b>                                 |   |
| 10  | <b>Active Area Diameter (mm):</b>       |
| <b>Optical Properties</b>   |   |
| 1064  | <b>Calibration Wavelength (nm):</b>     |
| 17  | <b>Maximum Pulse Width (μs):</b>        |
| 190 - 12000   | <b>Wavelength Range (nm):</b>           |
| <b>Sensor</b>   |   |
| Pyroelectric  | <b>Type of Sensor:</b>                  |
| <b>Electrical</b>   |   |
| 1000  | <b>Maximum Repetition Rate (pps):</b>   |
| 4   | <b>Maximum Incident Beam Power (W):</b> |
| <b>Hardware &amp; Interface Connectivity</b>                                |   |
| DB25  | <b>Connector:</b>                       |
| 2.5   | <b>Length of Cable (m):</b>             |
| <b>Regulatory Compliance</b>  |   |
| <a href="#">Exempt</a>  | <b>RoHS 2015:</b>                       |
| <a href="#">Contains SVHC(s)</a>  | <b>Reach 224:</b>                       |
| <a href="#">View</a>  | <b>Certificate of Conformance:</b>      |

## 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.