

[See all 15 Products in Family](#)

Coherent® EnergyMax 1191441 | 50μJ - 50mJ, USB

See More by [Coherent®](#)



Coherent® EnergyMax Laser Energy Sensors

Stock **#88-424** **2 In Stock**

⊖ 1 ⊕ £2,264.⁰⁰

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1+ | £2,264.00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:

J-25MB-LE
Coherent Part Number: 1191441

Type:

Meterless

Linearity (%):

±3

Calibration Uncertainty (%):

±2

| | |
|--|---|
| <5 | Noise Equivalent Energy (μJ): |
| 500mJ/cm ² (10ns, 1064nm) | Maximum Incident Energy Density: |
| 50 μ J - 50mJ | Energy Range: |
| Physical & Mechanical Properties | |
| 25 | 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): |
| 5 | Maximum Incident Beam Power (W): |
| Hardware & Interface Connectivity | |
| USB | Connector: |
| 3.0 | 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.