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

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Coherent® EnergyMax Laser Energy Sensors

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

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1

+

S\$3,962<sup>00</sup>

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| General                                    |  |
|--------------------------------------------|--|
| J-25MB-LE<br>Coherent Part Number: 1191441 |  |
| Model Number:                              |  |
| Meterless                                  |  |
| Type:                                      |  |
| ±3                                         |  |
| Linearity (%):                             |  |
| ±2                                         |  |
| Calibration Uncertainty (%):               |  |

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <5                                   | Noise Equivalent Energy (μJ):    |
| 500mJ/cm <sup>2</sup> (10ns, 1064nm) | Maximum Incident Energy Density: |
| 50μJ - 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.