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# Coherent® EnergyMax 1110746 | 500μJ-1000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#12-386** [CONTACT US](#)

-

1

+

A\$2,816<sup>.00</sup>

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| Qty 1+         | A\$2,816.00 each              |
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Product Downloads

| General                                    |  |
|--------------------------------------------|--|
| Model Number:                              |  |
| J-25MB-HE<br>Coherent Part Number: 1110746 |  |
| Type:                                      |  |
| <a href="#">Meter required</a>             |  |
| Linearity (%):                             |  |
| ±3                                         |  |
| Calibration Uncertainty (%):               |  |
| ±2                                         |  |

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| <16                                                | Noise Equivalent Energy (μJ): |
| <a href="#">#35-203</a> or <a href="#">#66-277</a> | Compatible Meters:            |

|                                      |                                  |
|--------------------------------------|----------------------------------|
| 500mJ/cm <sup>2</sup> (10ns, 1064nm) | Maximum Incident Energy Density: |
| 500μJ - 1J                           | Energy Range:                    |

|                         |                  |
|-------------------------|------------------|
| <a href="#">#88-412</a> | Preferred Meter: |
|-------------------------|------------------|

|                                  |                            |
|----------------------------------|----------------------------|
| 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 |                      |
| DB25                              | Connector:           |
| 2.5                               | Length of Cable (m): |

|                                  |            |
|----------------------------------|------------|
| Regulatory Compliance            |            |
| <a href="#">Exempt</a>           | RoHS 2015: |
| <a href="#">Contains SVHC(s)</a> | Reach 224: |

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | 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.