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# Coherent® EnergyMax 1110574 | 500μJ-1000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#12-390** **2 In Stock**

-

1

+

£1,756<sup>.00</sup>

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| Qty 1+         | £1,756.00 each                |
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                                       |  |
|-----------------------------------------------|--|
| Model Number:                                 |  |
| J-50MT-10KHZ<br>Coherent Part Number: 1110574 |  |
| Type:                                         |  |
| <a href="#">Meter required</a>                |  |
| Linearity (%):                                |  |
| ±3                                            |  |
| Calibration Uncertainty (%):                  |  |
| ±2                                            |  |

|         |                               |
|---------|-------------------------------|
| <16     | Noise Equivalent Energy (μJ): |
| #35-203 | Compatible Meters:            |

|                          |                                  |
|--------------------------|----------------------------------|
| 500mJ/cm² (10ns, 1064nm) | Maximum Incident Energy Density: |
| 500μJ - 1J               | Energy Range:                    |

|                                  |                            |
|----------------------------------|----------------------------|
| Physical & Mechanical Properties |                            |
| 50                               | Active Area Diameter (mm): |

|                    |                              |
|--------------------|------------------------------|
| Optical Properties |                              |
| 1064               | Calibration Wavelength (nm): |
| 1.7                | Maximum Pulse Width (μs):    |

|            |                        |
|------------|------------------------|
| 190 - 2100 | Wavelength Range (nm): |
|------------|------------------------|

|              |                 |
|--------------|-----------------|
| Sensor       |                 |
| Pyroelectric | Type of Sensor: |

|            |                                  |
|------------|----------------------------------|
| Electrical |                                  |
| 10000      | Maximum Repetition Rate (pps):   |
| 20         | 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.