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# Coherent® EnergyMax 1110572 | 500μJ-1000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock #12-391 **2 In Stock**

⊖ 1 ⊕ MRP ₹2,35,233

📌 Price inclusive of all taxes

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Qty 1+	₹2,35,233 each
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## Product Downloads

### General

**Model Number:**  
J-50MUV-248 w/ Diffuser  
Coherent Part Number: 1110572

**Type:**  
[Meter required](#)

**Linearity (%):**  
±3

**Calibration Uncertainty (%):**  
±3

Noise Equivalent Energy ( $\mu\text{J}$ ):

<16

Compatible Meters:

[#35-203](#)

Maximum Incident Energy Density:  
520mJ/cm<sup>2</sup> (10ns, 248nm)

Energy Range:

500 $\mu\text{J}$  - 1J

Preferred Meter:

[#88-412](#)

## Physical & Mechanical Properties

Active Area Diameter (mm):

50

## Optical Properties

Calibration Wavelength (nm):

248

Maximum Pulse Width ( $\mu\text{s}$ ):

86

Wavelength Range (nm):

190 - 266

## Sensor

Type of Sensor:

Pyroelectric

## Electrical

Maximum Repetition Rate (pps):

200

Maximum Incident Beam Power (W):

15

## Hardware & Interface Connectivity

Connector:

DB25

Length of Cable (m):

2.5

## Regulatory Compliance

RoHS 2015:

[Exempt](#)

Reach 224:

[Contains SVHC\(s\)](#)

Certificate of Conformance:

[View](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.