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Coherent® EnergyMax 1110744 | Nd:YAG Sensor, 1.5mJ-3J, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock **#66-278** **5 In Stock**

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1

+

€2.075^{.00}

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Qty 1+	€2.075,00 each
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Product Downloads

General	
Model Number:	
J-50MB-YAG Coherent Part Number: 1110744	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<50	Noise Equivalent Energy (μJ):
Compatible Meters:	
#35-203, #66-277, #88-412	
Maximum Incident Energy Density:	
14J/cm ² (10ns, 1064nm)	
2.8J/cm ² (10ns, 532nm)	
0.75J/cm ² (10ns, 355nm)	
1.0J/cm ² (10ns, 266nm)	
Energy Range:	
1.5mJ - 3J	

Preferred Meter:	
#66-277	

Physical & Mechanical Properties

35	Active Area Diameter (mm):
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Optical Properties

1064	Calibration Wavelength (nm):
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340	Maximum Pulse Width (μs):
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266 - 2100	Wavelength Range (nm):
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Sensor

Pyroelectric	Type of Sensor:
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Electrical

50	Maximum Repetition Rate (pps):
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20	Maximum Incident Beam Power (W):
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Hardware & Interface Connectivity

DB25	Connector:
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2.5	Length of Cable (m):
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Regulatory Compliance

Exempt	RoHS 2015:
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Contains SVHC(s)	Reach 224:
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View	Certificate of Conformance:
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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.