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Coherent® EnergyMax Laser Energy Sensors

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- ISO 17025 Certified
- Embedded Spectral Compensation Characteristics
- Automatic Temperature Compensation

Common Specifications

General

|                |    |
|----------------|----|
| Linearity (%): | ±3 |
|----------------|----|

Sensor

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

**Technical Information**

## Products

| Energy Range  | Noise Equivalent Energy (µJ) | Maximum Repetition Rate (pps) | Active Area Diameter (mm) | Preferred Meter         | Model Number                               | Stock Number            | Price     | Buy        |
|---------------|------------------------------|-------------------------------|---------------------------|-------------------------|--------------------------------------------|-------------------------|-----------|------------|
| 50µJ - 50mJ   | <5                           | 1000                          | 25                        | -                       | J-25MB-LE Coherent Part Number: 1191441    | <a href="#">#88-424</a> | €2.925,00 | 3-4 days   |
| 50µJ - 100mJ  | <2                           | 10000                         | 25                        | <a href="#">#88-412</a> | J-25MT-10KHZ Coherent Part Number: 1110747 | <a href="#">#12-387</a> | €2.035,00 | Contact Us |
| 25µJ - 50mJ   | <1                           | 1000                          | 25                        | <a href="#">#66-277</a> | J-25MB-LE Coherent Part Number: 1110743    | <a href="#">#66-279</a> | €1.785,00 | 3-4 days   |
| 12µJ - 20mJ   | <1.2                         | 1000                          | 10                        | -                       | J-10MB-HE Coherent Part Number: 1191436    | <a href="#">#88-423</a> | €2.795,00 | Contact Us |
| 10µJ - 20mJ   | <0.5                         | 1000                          | 10                        | <a href="#">#88-412</a> | J-10MB-HE Coherent Part Number: 1110843    | <a href="#">#66-280</a> | €1.590,00 | 3-4 days   |
| 100nJ - 200µJ | <10                          | 10000                         | 10                        | <a href="#">#88-412</a> | J-10MT-10KHZ Coherent Part Number: 1110856 | <a href="#">#12-385</a> | €1.845,00 | 3-4 days   |
| 250µJ - 500mJ | <8                           | 300                           | 50                        | <a href="#">#66-277</a> | J-50MB-LE Coherent Part Number: 1110576    | <a href="#">#12-389</a> | €1.980,00 | 3-4 days   |

|                  |       |       |    |                         |                                                                              |                         |           |            |
|------------------|-------|-------|----|-------------------------|------------------------------------------------------------------------------|-------------------------|-----------|------------|
| 500nJ -<br>600µJ | <0.05 | 1000  | 10 | -                       | J-10MB-<br>LE<br>Coherent<br>Part<br>Number:<br>1191435                      | <a href="#">#88-422</a> | €2.795,00 | Contact Us |
| 300nJ -<br>600µJ | <0.02 | 1000  | 10 | <a href="#">#88-412</a> | J-10MB-<br>LE<br>Coherent<br>Part<br>Number:<br>1110855                      | <a href="#">#66-281</a> | €1.590,00 | Contact Us |
| 500µJ -<br>1J    | <16   | 1000  | 25 | <a href="#">#88-412</a> | J-25MB-<br>HE<br>Coherent<br>Part<br>Number:<br>1110746                      | <a href="#">#12-386</a> | €1.785,00 | Contact Us |
| 500µJ -<br>1J    | <16   | 200   | 50 | <a href="#">#88-412</a> | J-<br>50MUV-<br>248 w/<br>Diffuser<br>Coherent<br>Part<br>Number:<br>1110572 | <a href="#">#12-391</a> | €2.245,00 | 3-4 days   |
| 500µJ -<br>1J    | <16   | 10000 | 50 | -                       | J-50MT-<br>10KHZ<br>Coherent<br>Part<br>Number:<br>1110574                   | <a href="#">#12-390</a> | €2.230,00 | 3-4 days   |
| 1mJ -<br>2J      | <33   | 300   | 50 | <a href="#">#66-277</a> | J-50MB-<br>HE<br>Coherent<br>Part<br>Number:<br>1110573                      | <a href="#">#12-388</a> | €1.980,00 | Contact Us |
| 2.4mJ -<br>3J    | <240  | 50    | 35 | -                       | J-50MB-<br>YAG<br>Coherent<br>Part<br>Number:<br>1191437                     | <a href="#">#88-421</a> | €3.310,00 | 3-4 days   |
| 1.5mJ -<br>3J    | <50   | 50    | 35 | <a href="#">#66-277</a> | J-50MB-<br>YAG<br>Coherent<br>Part<br>Number:<br>1110744                     | <a href="#">#66-278</a> | €2.105,00 | 3-4 days   |



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Phone: 1-800-363-1992 :

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