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12 x 12mm, 500µm Pitch, 3.7° Divergence, Cyl. Microlens Array



Stock #23-870 **3 In Stock**

MRP ₹65,996

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹65,996 each
Qty 11-25	₹59,779 each
Qty 26-49	₹56,431 each
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General

Lens Array **Type:**

Physical & Mechanical Properties

12.0 x 12.0 ±0.10 **Dimensions (mm):**

3.500 **Radius R (mm):**

2.00 ±0.1

Thickness (mm):

Optical Properties

Effective Focal Length EFL (mm):

7.78 @ 1064nm

Substrate:

[Fused Silica](#) (Corning 7980)

Coating:

Uncoated

Wavelength Range (nm):

200 - 2200

Divergence Angle (°):

3.7 (Full Width)

Pitch (µm):

500

Array Type:

Single-Sided

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 250:

[Compliant](#)

Country of Origin:

Germany

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

- Generate Non-Gaussian Line Patterns
- Ideal for Light Homogenization
- Excellent Performance from 193nm – 2.5µm

Cylindrical Microlens Arrays are used to homogenize a variety of light sources, including lasers or high power LEDs. Unlike [Square Microlens Arrays](#), which generate spot patterns, Cylindrical Microlens Arrays yield non-gaussian line patterns, and are ideal for welding, drilling, or laser ablation applications from the UV to IR. Cylindrical Microlens Arrays are available uncoated, VIS-NIR, or UV-NIR coated, including options with lenses on a single side for line generation applications or double-sided (with cross-oriented lenses) for beam homogenisation. Additionally, these lenses can be used as fast axis collimators.