

12 x 12mm, 500µm Pitch, 2.3° Divergence, Cyl. Microlens Array



Stock **#23-871** 4 In Stock

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1

+

€571^{,65}

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Volume Pricing	
Qty 1-10	€571,65 each
Qty 11-25	€516,03 each
Qty 26-49	€487,19 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Lens Array

Type:

Physical & Mechanical Properties	
12.0 x 12.0 ±0.10	Dimensions (mm):
5.500	Radius R (mm):
2.00 ±0.1	Thickness (mm):
Optical Properties	
12.20 @ 1064nm	Effective Focal Length EFL (mm):
Fused Silica (Corning 7980)	Substrate: ☐
Uncoated	Coating:
200 - 2200	Wavelength Range (nm):
2.3 (Full Width)	Divergence Angle (°):
500	Pitch (µm):
Single-Sided	Array Type:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

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.