

10 x 10mm, 500µm Pitch, 2.2° Divergence, Cyl. Microlens Array



Stock **#86-842** 1 In Stock

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1

+

£643^{.49}

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Volume Pricing	
Qty 1-10	£643.49 each
Qty 11-25	£564.70 each
Qty 26-49	£532.30 each
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Product Downloads

SPECIFICATIONS

General

Lens Array

Type:

Physical & Mechanical Properties	
10.0 x 10.0 ±0.05	Dimensions (mm):
3.000	Radius R (mm):
1.20 ±0.05	Thickness (mm):
Optical Properties	
6.60	Effective Focal Length EFL (mm):
Fused Silica (Corning 7980)	Substrate: ☐
Uncoated	Coating:
200 - 2200	Wavelength Range (nm):
±2.2	Divergence Angle (°):
500.00 ±0.25	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.