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



Stock #86-842 **11 In Stock**

- 1 + €668^{.00}

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Volume Pricing	
Qty 1-10	€668,00 each
Qty 11-25	€587,00 each
Qty 26-49	€557,00 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

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: <input type="checkbox"/>
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.