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## 10 x 10mm, 500µm Pitch, 1.3° Divergence, Cyl. Microlens Array



Stock **#86-843** **1 In Stock**

A\$1,318<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | A\$1,318.00 each              |
| Qty 11-25      | A\$1,160.00 each              |
| Qty 26-49      | A\$1,095.00 each              |
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### Product Downloads

#### General

Lens Array Type:

#### Physical & Mechanical Properties

10.0 x 10.0 ±0.05 Dimensions (mm):

5.000 Radius R (mm):

1.20 ±0.05      **Thickness (mm):**

## Optical Properties

11.10      **Effective Focal Length EFL (mm):**

[Fused Silica](#) (Corning 7980)      **Substrate:** □

Uncoated      **Coating:**

200 - 2200      **Wavelength Range (nm):**

±1.3      **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.