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



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

- 1 + £665.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-10	£665.00 each
Qty 11-25	£585.00 each
Qty 26-49	£558.00 each
Need More?	<a href="#">Request Quote</a>

! 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):**

5.000 **Radius R (mm):**

1.20 ±0.05	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
11.10	<b>Effective Focal Length EFL (mm):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
Uncoated	<b>Coating:</b>
200 - 2200	<b>Wavelength Range (nm):</b>
±1.3	<b>Divergence Angle (°):</b>
500.00 ±0.25	<b>Pitch (µm):</b>
Single-Sided	<b>Array Type:</b>

<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 250:</b>

## 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.