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## 10 x 10mm, 300µm Pitch, 10.1° Div., Cyl. Microlens Array VIS-NIR



Stock #72-588 **5 In Stock**

- 1 + MRP ₹99,449

**i** Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹99,449 each
Qty 11-25	₹79,846 each
Qty 26-49	₹74,587 each
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### General

Lens Array **Type:**

### Physical & Mechanical Properties

10.0 x 10.0 ±0.05 **Dimensions (mm):**

0.380 **Radius R (mm):**

1.20 ±0.05	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
0.80	<b>Effective Focal Length EFL (mm):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
VIS-NIR (400-1000nm)	<b>Coating:</b>
400 - 1000	<b>Wavelength Range (nm):</b>
<b>Coating Specification:</b>	
R <sub>abs</sub> ≤0.25% @ 880nm @ 0° AOI	
R <sub>avg</sub> ≤1.25% @ 400 - 870nm @ 0° AOI	
R <sub>avg</sub> ≤1.25% @ 890 - 1000nm @ 0° AOI	
±10.1	<b>Divergence Angle (°):</b>
300.00 ±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>
Switzerland	<b>Country of Origin:</b>
<b>Imported By:</b>	
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

## 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.

## Coating Curves