

[See all 33 Products in Family](#)

## 20 x 20mm, 800µm Pitch, 1.9° Divergence, Cyl. Microlens Array



Stock #23-872 **5 In Stock**

MRP ₹65,996

● Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹65,996 each
Qty 11-25	₹59,779 each
Qty 26-49	₹56,431 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Lens Array **Type:**

### Physical & Mechanical Properties

20.0 x 20.0 ± 0.10 **Dimensions (mm):**

11.100 **Radius R (mm):**

2.00 ±0.1

Thickness (mm):

## Optical Properties

Effective Focal Length EFL (mm):

24.70 @ 1064nm

Substrate:

[Fused Silica](#) (Corning 7980)

Coating:

Uncoated

Wavelength Range (nm):

200 - 2200

Divergence Angle (°):

1.9 (Full Width)

Pitch (µm):

800

Array Type:

Single-Sided

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 250:

[Compliant](#)

Country of Origin:

Germany

Imported By:

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.