

[See all 33 Products in Family](#)

20 x 20mm, 800µm Pitch, 0.3° Divergence, Cyl. Microlens Array



Stock #23-873 **3 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?	Request Quote

Product Downloads

General

Lens Array **Type:**

Physical & Mechanical Properties

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

78.000 **Radius R (mm):**

2.00 ±0.1 Thickness (mm):

Optical Properties

Effective Focal Length EFL (mm):
173.50 @ 1064nm

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

Coating:
Uncoated

Wavelength Range (nm):
200 - 2200

Divergence Angle (°):
0.3 (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.