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20 x 20mm, 800µm Pitch, 1.7° Div., Double Cyl. Lens Array VIS-NIR



Stock **#72-594** **6 In Stock**

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1

+

₹76,706

 Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹76,706 each
Qty 11+	₹61,365 each
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General

Type:

Lens Array

Physical & Mechanical Properties

Dimensions (mm):

20.0 x20.0 ±0.10

Radius R (mm):

11.100

Thickness (mm):

2.00 ±0.10

Optical Properties

Effective Focal Length EFL (mm):
24.70 @ 1064nm

Substrate: ☐
Fused Silica (Corning 7980)

Coating:
VIS-NIR (400-1000nm)

Wavelength Range (nm):
400 - 1000

Coating Specification:
Rabs ≤0.25% @ 880nm @ 0° AOI
Ravg ≤1.25% @ 400 - 870nm @ 0° AOI
Ravg ≤1.25% @ 890 - 1000nm @ 0° AOI

Divergence Angle (°):
1.7 (Full Width)

Pitch (µm):
800.00

Array Type:
Double-Sided (with cross-oriented lenses)

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 250:
Compliant

Country of Origin:
Switzerland

Imported By:
Edmund Optics India Private Limited

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