

10 x 10mm, 500μm Pitch, 3.2° Div., Cyl. Microlens Array VIS-NIR



Stock **#72-592**

CLEARANCE

10 TO 12 DAYS

-

1

+

₹65,005

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Qty 1-10
₹65,005
Qty 11+
₹52,160
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SPECIFICATIONS

General

Lens Array

Type:

Physical & Mechanical Properties	
10.0 x 10.0 ±0.05	Dimensions (mm):
1.00 ±0.05	Thickness (mm):
Optical Properties	
4.50	Effective Focal Length EFL (mm):
Fused Silica (Corning 7980)	Substrate: ☐
MS-NIR (400-1000nm)	Coating:
400 - 1000	Wavelength Range (nm):
Coating Specification: R _{abs} ≤0.25% @ 880nm @ 0° AOI R _{avg} ≤1.25% @ 400 - 870nm @ 0° AOI R _{avg} ≤1.25% @ 890 - 1000nm @ 0° AOI	
±3.2	Divergence Angle (°):
500.00 ±0.25	Pitch (µm):
2.040	Radius R (mm):
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

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. Additionally, these lenses can be used as fast axis collimators.

COATING CURVES