

20 x 20mm, 800μm Pitch, 1.9° Div., Cyl. Microlens Array UV-VIS



Stock **#72-609** NEW 10 TO 12 DAYS

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1

+

₹51,381

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Qty 1-10

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SPECIFICATIONS

General

Lens Array

Type:

Physical & Mechanical Properties	
20.0 x 20.0 ±0.10	Dimensions (mm):
11.100	Radius R (mm):
2.00 ±0.10	Thickness (mm):
Optical Properties	
24.70 @ 1064nm	Effective Focal Length EFL (mm):
Fused Silica (Corning 7980)	Substrate: ☐
UV-NIR (250-700nm)	Coating:
250 - 700	Wavelength Range (nm):
R _{abs} ≤1.0% from 350 - 450nm @ 0° AOI R _{avg} ≤1.5% @ 250 - 700nm @ 0°	Coating Specification:
1.9 (Full Width)	Divergence Angle (°):
800.00	Pitch (µm):
Single-Sided	Array Type:
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.