

20 x 20mm, 800μm Pitch, 0.3° Div., Cyl. Microlens Array UV-VIS



Stock **#72-608** 1 In Stock

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1

+

₹51,381

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Qty 1-10	₹51,381 each
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General

Type:

Lens Array

Physical & Mechanical Properties

Dimensions (mm):

20.0 x20.0 ±0.10

Radius R (mm):

78.000

Thickness (mm):

2.00 ±0.10

Optical Properties	
Effective Focal Length EFL (mm): 173.50 @ 1064nm	
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:	
0.3 (Full Width) Divergence Angle (°):	
800.00 Pitch (µm):	
Single-Sided Array Type:	

Regulatory Compliance	
Compliant RoHS 2015:	
View Certificate of Conformance:	
Compliant Reach 250:	
Switzerland Country of Origin:	
Edmund Optics India Private Limited Imported By:	

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.