

10 x 10mm, 300µm Pitch, 1.1° Div., Cyl. Microlens Array UV-VIS



Stock **#72-599** **1 In Stock**

-

1

+

₹65,005

ADD TO CART

Volume Pricing	
Qty 1-10	₹65,005 each
Qty 11+	₹52,160 each
Need More?	Request Quote

Product Downloads

General

Type:

Lens Array

Physical & Mechanical Properties

Dimensions (mm):

10.0 x 10.0 ±0.05

Radius R (mm):

3.600

Thickness (mm):

1.20 ±0.05

Optical Properties	
Effective Focal Length EFL (mm):	8.00
Substrate: 	Fused Silica (Corning 7980)
Coating:	UV-NIR (250-700nm)
Wavelength Range (nm):	250 - 700
Coating Specification:	R _{abs} ≤1.0% from 350 - 450nm @ 0° AOI R _{avg} ≤1.5% @ 250 - 700nm @ 0°
Divergence Angle (°):	±1.1
Pitch (µm):	300.00 ±0.25
Array Type:	Single-Sided

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.