

10 x 10mm, 500µm Pitch, 1.3° Div., Cyl. Microlens Array UV-VIS



Stock **#72-601** 5 In Stock

-

1

+

€765^{,00}

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Volume Pricing	
Qty 1-10	€765,00 each
Qty 11+	€617,00 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:	
Lens Array	

Physical & Mechanical Properties

Dimensions (mm):	
10.0 x 10.0 ±0.05	
Radius R (mm):	
5.000	

1.20 ±0.05	Thickness (mm):
Optical Properties	
11.10	Effective Focal Length EFL (mm):
Fused Silica (Corning 7980)	Substrate: □
UV-NIR (250-700nm)	Coating:
250 - 700	Wavelength Range (nm):
Coating Specification: R _{abs} ≤1.0% from 350 - 450nm @ 0° AOI R _{avg} ≤1.5% @ 250 - 700nm @ 0°	
±1.3	Divergence Angle (°):
500.00 ±0.25	Pitch (µm):
Single-Sided	Array Type:

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

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.