

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



Stock **#72-589** 1 In Stock

-

1

+

€765^{,00}

ADD TO CART

Volume Pricing	
Qty 1-10	€765,00 each
Qty 11+	€617,00 each
Need More?	Request Quote

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: □
VIS-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	
±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.

Coating Curves