

46 x 46mm Lens



Multi-Lens Arrays



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1

€100^{,00}

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Volume Pricing	
Qty 1-10	€100,00 each
Qty 11-25	€78,00 each
Qty 26-49	€74,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- Zemax:zmx
- Code V:seq
- EO Spec Sheet
- [Download All](#)

General

Type: Lens Array

Physical & Mechanical Properties

Dimensions (mm): 46.06 x 46.06

Radius of Lenslet (mm): 20.00 ±2%

Thickness (mm): 3.00 ±0.2

Optical Properties

Effective Focal Length EFL (mm): 38.10

Substrate: [B270](#)

Coating: BBAR (400-700nm)

Wavelength Range (nm): 400 - 700

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

Product Details

- Integrated, Monolithic Design
- Single Sided Arrays Create Even Illumination in Pairs
- Double Sided Arrays Ideal for Laser Top Hat Profile Generation

Multi-Lens Arrays are an all glass monolithic design which yields higher transmission, superior stability, and affordability when compared to cemented or plastic varieties. These lenses are available as single-sided or double-sided arrays to meet requirements for illumination, projection, and laser systems. The single-sided arrays are used to create square spot patterns or to create even illumination when used in pairs. Decreasing the spacing between the two lens arrays will increase the illuminated area while increasing the spacing will decrease the area. Double sided lens arrays are ideal for use with laser sources to create top hat output profiles, ensuring uniform illumination for machine vision and microscopy applications.

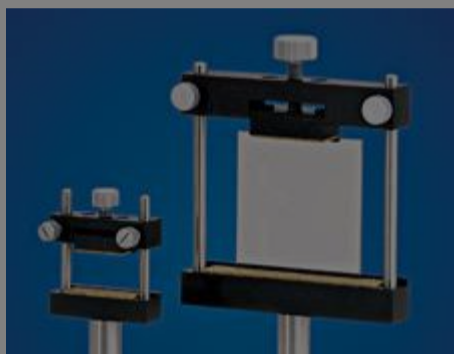
Technical Information

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A	B				Stock No.
46.06mm	46.06mm				#63-230
58mm	60mm	7mm	5.4mm		#63-231

Related Products



Metric Rectangular Optic Mounts



Metric Stainless Steel Mounting Posts



Post Holder Assemblies

Frequently Purchased Together



#32-334 - 20mm, Uncoated, N-BK7 Right Angle Prism
€71,50

Qty



#27-501 - 100mm Dia x 200mm Focal Length, PCX Condenser Lens
€126,00

Qty



#27-505 - 125mm Dia x 250mm Focal Length, PCX Condenser Lens
€139,00

Qty



#30-286 - 25 x 35mm Protected Aluminum, λ/4 Mirror
€67,00

Qty



Resources

Media Type

- Application Note
- Technical Tool
- Trending in Optics
- FAQ
- Glossary
- Video

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

APPLICATION NOTE

Understanding Optical Specifications

APPLICATION NOTE

Lens Geometry Performance Comparison

TECHNICAL TOOL

SAG Calculator

TRENDING IN OPTICS

Future of Spherical Lenses

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