

26mm Dia. x 19.5mm FL, VIS-EXT Coated Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

Stock **#71-498** **8 In Stock**

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1

+

₹5,060

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Volume Pricing	
Qty 1-10	₹5,060 each
Qty 11-49	₹4,570 each
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SPECIFICATIONS

General

Condenser Lens

Type:

Note:

[Click here](#) for more information on the ISO 10110

surface quality specification.	
Physical & Mechanical Properties	
Diameter (mm):	26.00 +0.0/-0.3
Centering (arcmin):	≤25
Clear Aperture CA (mm):	20.80
Edge Thickness ET (mm):	1.4
Center Thickness CT (mm):	9.10 ±0.20
Bevel:	Protective as needed
Diameter of Asphere (mm):	26.0
Shape of Back Surface:	Convex
Optical Properties	
Effective Focal Length EFL (mm):	19.50 @ 587.6nm
Numerical Aperture NA:	0.67
Back Focal Length BFL (mm):	14.60
Substrate: 	
Focal Length Tolerance (%):	±5
Coating:	VIS-EXT (350-700nm)
Coating Specification:	R _{avg} ≤0.4% @ 425 - 675nm
Surface Quality:	Molded Side: 5/3 x 0.4; E 0.2 Polished Side: 5/3 x 0.25; E 0.2
f#:	0.75
Radius R ₂ (mm):	42.0
Wavelength Range (nm):	350 - 700
Conjugate Distance:	Infinite
Regulatory Compliance	
RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 242:	Compliant

PRODUCT DETAILS

- Hardened for Improved Durability
- High Numerical Apertures
- Ideal for Illumination Applications

Molded Aspheric Condenser Lenses are pressed, hardened, and annealed to meet precise optical and mechanical specifications. The hardening process improves the durability of the lenses, making them less susceptible to thermal shock and scratching than traditionally polished lenses. These Molded Aspheric Condenser Lenses are ground and polished on the second surface, enhancing the overall precision of the lenses. Molded Aspheric Condenser lenses are ideal for a wide range of illumination and detection applications, including biotech instruments such as DNA sequencers and polymerase chain reaction (PCR) testing platforms.

TECHNICAL INFORMATION

