

0.50 NA, 4.2mm FL, HOYA Molded Glass Aspheric Lens

See More by [Hoya](#)



HOYA Molded Glass Aspheric Lenses

Stock **#13-587** **12 In Stock**

-

1

+

£95^{.20}

ADD TO CART

Volume Pricing	
Qty 1-10	£95.20 each
Qty 11-49	£75.20 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Aspheric Lens	Type:
AH4_Z	Model Number:

Physical & Mechanical Properties

	Diameter (mm):
--	----------------

6.38 +0.00/-0.02	
5.35	Clear Aperture CA (mm):
2.56	Center Thickness CT (mm):
Protective as needed	Bevel:
Optical Properties	
4.20 @ 780nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:
M-LAF81	Substrate: □
780	Aspheric Design Wavelength (nm):
BBAR (755 - 805nm)	Coating:
R _{avg} <1.5% @ 755 - 805nm (theoretical per surface)	Coating Specification:
0.66	f/#:
755 - 805	Wavelength Range (nm):
2.00	Working Distance (mm):
0	Conjugate Distance:
0.049λ	Transmitted Wavefront, RMS @ 632.8nm:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Precision Glass Molded Lenses
- Compact Sizes for Integration into Measurement Systems
- Multiple Glass Substrates Available

HOYA Molded Glass Aspheric Lenses are used in applications that require lenses with small sizes and high transmission that correct for spherical aberration. These aspheric lenses are manufactured through a patented molding process that produces precision aspheric surfaces to minimize wavefront error. Their small diameters and thicknesses allow for these molded aspheric lenses to be integrated into measurement systems, biomedical instrumentation, or other optical tools. HOYA Molded Glass Aspheric Lenses are available in multiple glass types that offer higher refractive indices and lower dispersion than other molded glass aspheric lens offerings.