

0.50 NA, 4.5mm FL, HOYA Molded Glass Aspheric Lens

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HOYAMolded Glass Aspheric Lenses

Stock **#13-588** **20+ In Stock**

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1

+

S\$166^{.60}

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Volume Pricing	
Qty 1-10	S\$166.60 each
Qty 11-49	S\$131.60 each
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General	
Aspheric Lens	Type:
AH10_Z	Model Number:
Physical & Mechanical Properties	
6.38 +0.00/-0.02	Diameter (mm):

5.35	Clear Aperture CA (mm):
2.80	Center Thickness CT (mm):
Protective as needed	Bevel:
Optical Properties	
4.50 @ 780nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:
MLAF81	Substrate: □
830	Aspheric Design Wavelength (nm):
BBAR (805 - 855nm)	Coating:
R _{avg} <1.5% @ 805 - 855nm (theoretical per surface)	Coating Specification:
0.71	f/#:
805 - 855	Wavelength Range (nm):
2.16	Working Distance (mm):
0	Conjugate Distance:
0.052λ	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

HOYAMolded 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. HOYAMolded Glass Aspheric Lenses are available in multiple glass types that offer higher refractive indices and lower dispersion than other molded glass aspheric lens offerings.