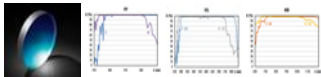


TECHSPEC[®] 6" Dia, 24" FL 750-1100nm, Spherical Mirror



Stock **#73-036** 1 In Stock

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1

+

S\$1,708⁰⁰

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Volume Pricing	
Qty 1-5	S\$1,708.00 each
Qty 6-24	S\$1,366.40 each
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Diameter (mm):

152.40 +1.5/-0

Back Surface:

Ground

6.0	Diameter (inches):
+0.06/-0	Diameter Tolerance (inches):

1.00	Edge Thickness ET (inches):
25.40	Edge Thickness ET (mm):

+0.0/-15	Edge Thickness Tolerance (%):
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Optical Properties

Dielectric	Coating Type:
Dielectric Mirror (750-1100nm)	Coating:

750 - 1100	Wavelength Range (nm):
609.60	Effective Focal Length EFL (mm):

BOROFLOAT®SUPREMAX®	Substrate: □
f/4	Aperture (f/#):

R _{avg} >98% @ 750 - 1100nm (0 - 45°) R _{avg} >99% @ 750 - 1100nm (0°)	Coating Specification:
24.00	Effective Focal Length EFL (inches):

±2	Focal Length Tolerance (%):
λ/4	Surface Accuracy:

60-40	Surface Quality:
1 J/cm² @ 1064nm, 20ns, 20Hz	Damage Threshold, By Design: □

1,219.20	Radius of Curvature (mm):
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Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Ideal for Multispectral Focusing Applications
 - Average Reflectivity >99% Over Broad UV, Visible, and NIR Wavelengths
 - Multiple Sizes Available
- TECHSPEC® Broadband Dielectric Spherical Mirrors are ideal for light collection in multispectral imaging applications. These mirrors feature greater than 99% reflection, significantly better than metal-coated mirrors, and increase system performance by minimizing energy loss. ABOROFLOAT® substrate provides a good combination of performance and value. TECHSPEC® Broadband Dielectric Spherical Mirrors are available in diameters ranging from 25.4 to 152.4mm for ease of system integration. These mirrors collect and focus light without introducing chromatic aberration.

Technical Information

