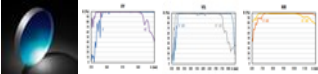


[See all 60 Products in Family](#)

TECHSPEC®

6" Dia, 24" FL 400-750nm, Spherical Mirror



Stock **#72-999** 1 In Stock

-

1

+

£976⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£976.00 each
Qty 6-24	£780.80 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Spherical Mirror

Physical & Mechanical Properties

Diameter (mm):

152.40 +1.5/-0

Ground	Back Surface:
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 (%):

Optical Properties	
Dielectric	Coating Type:
Dielectric Mirror (400-750nm)	Coating:
400 - 750	Wavelength Range (nm):
609.60	Effective Focal Length EFL (mm):
BOROFLOAT®SUPREMAX®	Substrate: □
f/4	Aperture (f/#):
R _{avg} >98% @ 400 - 750nm (0 - 45°) R _{avg} >99% @ 400 - 750nm (0°)	Coating Specification:
24.00	Effective Focal Length EFL (inches):
±2	Focal Length Tolerance (%):
λ/4	Surface Accuracy:
60-40	Surface Quality:
0.5 J/cm² @ 532nm, 20ns, 20Hz	Damage Threshold, By Design: □
1,219.20	Radius of Curvature (mm):

Regulatory Compliance	
View	Certificate of Conformance:

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

