

**TECHSPEC® 6" Dia, 24" FL Protected Alum., Spherical Mirror**



Stock #43-969 **1 In Stock**

- 1 + ₹45,542

**ADD TO CART**

Volume Pricing	
Qty 1-4	₹45,542 each
Qty 5-25	₹38,653 each
Qty 26-49	₹36,395 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Spherical Mirror **Type:**

**Physical & Mechanical Properties**

152.40 +1.5/-0 **Diameter (mm):**

Ground **Back Surface:**

6.0	<b>Diameter (inches):</b>
+0.06/-0	<b>Diameter Tolerance (inches):</b>
1.00	<b>Edge Thickness ET (inches):</b>
25.40	<b>Edge Thickness ET (mm):</b>
+0.0/-15	<b>Edge Thickness Tolerance (%):</b>

## Optical Properties

Metal	<b>Coating Type:</b>
Protected Aluminum (400-2000nm)	<b>Coating:</b>
400 - 2000	<b>Wavelength Range (nm):</b>
609.60	<b>Effective Focal Length EFL (mm):</b>
<b>BOROFLOAT®SUPREMAX®</b>	<b>Substrate:</b> <input type="checkbox"/>
f/4	<b>Aperture (f/#):</b>
R <sub>avg</sub> >85% @ 400 - 700nm R <sub>avg</sub> >90% @ 400 - 2000nm	<b>Coating Specification:</b>
24.00	<b>Effective Focal Length EFL (inches):</b>
±2	<b>Focal Length Tolerance (%):</b>
λ/4	<b>Surface Accuracy:</b>
60-40	<b>Surface Quality:</b>
0.3 J/cm <sup>2</sup> @ 532nm & 1064nm, 10ns	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>
1,219.20	<b>Radius of Curvature (mm):</b>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
Switzerland	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Ideal for Multispectral Focusing Applications
- Variety of Coating Options Offered
- Multiple Sizes Available
- [λ/8 Precision Spherical Mirrors](#) Also Available

TECHSPEC® λ/4 Precision Spherical Mirrors are ideal for light collection in multispectral imaging applications. These mirrors are available in a wide range of metallic coating options covering the UV, VIS, and IR spectrum. A BOROFLOAT® substrate provides a good combination of performance and value. TECHSPEC® λ/4 Precision 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

