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**TECHSPEC® 50mm Dia x -100mm FL, Protected Aluminum, Convex Mirror**



Convex Mirrors

Stock #87-663 **2 In Stock**

⊖ 1 ⊕ ₹5,099

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Volume Pricing	
Qty 1-5	₹5,099 each
Qty 6-25	₹4,087 each
Qty 26-49	₹3,931 each
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**General**

Spherical Mirror **Type:**

**Physical & Mechanical Properties**

50.00 **Diameter (mm):**

5.00 **Center Thickness CT (mm):**

90.00	<b>Clear Aperture (%):</b>
+0.0/-0.1	<b>Dimensional Tolerance (mm):</b>
3.43	<b>Edge Thickness ET (mm):</b>
200.0	<b>Radius R (mm):</b>
±0.1	<b>Thickness Tolerance (mm):</b>

## Optical Properties

-100.00	<b>Focal Length FL (mm):</b>
Protected Aluminum (400-700nm)	<b>Coating:</b>
R <sub>avg</sub> >85% @400 - 700nm	<b>Coating Specification:</b>
Metal	<b>Coating Type:</b>
±2	<b>Focal Length Tolerance (%):</b>
<a href="#">N-BK7</a>	<b>Substrate:</b> <input type="checkbox"/>
λ/2	<b>Surface Accuracy:</b>
60-40	<b>Surface Quality:</b>
400 - 700	<b>Wavelength Range (nm):</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## Product Details

- Precision Polished Surface
- λ/2 Surface Accuracy
- Variety of Coating Options Offered

TECHSPEC® Convex Mirrors are ideal for expanding an imaging system's field of view without introducing chromatic aberrations. TECHSPEC Convex Mirrors utilize a precision polished surface with a λ/2 surface accuracy to maintain image quality. These optical mirrors create virtual, upright images. Shorter focal lengths generate wider fields of view, while longer focal lengths minimize distortion.

## 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](#).