

TECHSPEC<sup>®</sup> 1" Dia, 1" FL Uncoated, Spherical Mirror



Stock **#43-335** 14 In Stock

-

1

+

₹8,174

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | ₹8,174 each                   |
| Qty 10-25      | ₹6,812 each                   |
| Qty 26-49      | ₹6,423 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:  
Spherical Mirror

Physical & Mechanical Properties

|               |                               |
|---------------|-------------------------------|
| 1.0           | Diameter (inches):            |
| 25.40 +0/-0.3 | Diameter (mm):                |
| +0/-0.01      | Diameter Tolerance (inches):  |
| Ground        | Back Surface:                 |
| 0.25          | Edge Thickness ET (inches):   |
| 6.35          | Edge Thickness ET (mm):       |
| +0.0/-15      | Edge Thickness Tolerance (%): |

Optical Properties

|            |                                      |
|------------|--------------------------------------|
| BOROFLOAT® | Substrate: <input type="checkbox"/>  |
| ±2         | Focal Length Tolerance (%):          |
| 60-40      | Surface Quality:                     |
| λ/4        | Surface Accuracy:                    |
| 1.00       | Effective Focal Length EFL (inches): |
| 25.40      | Effective Focal Length EFL (mm):     |
| 50.80      | Radius of Curvature (mm):            |
| f/1        | Aperture (f/#):                      |
| Uncoated   | Coating:                             |
| Uncoated   | Coating Type:                        |

Regulatory Compliance

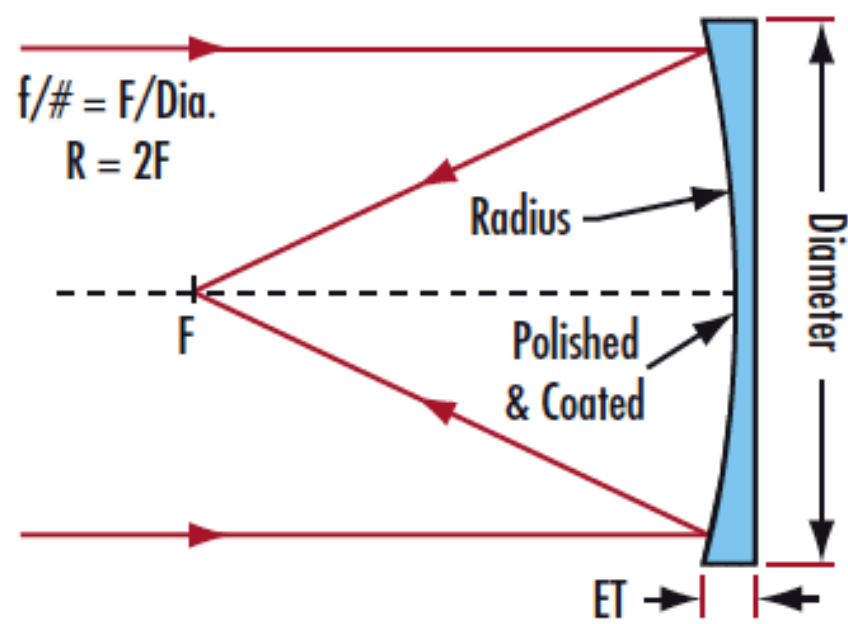
|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| Compliant | Reach 219:                  |
| View      | Certificate of Conformance: |

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, VS, 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



## 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](#).