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## 10mm Dia x 10mm Focal Length, Spherical Mirror



Stock **#46-231** **1 In Stock**

- 1 + MRP ₹4,388

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-49	₹4,388 each
Qty 50-99	₹3,935 each
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### Product Downloads

### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

10.00 +0.00/-0.30 **Diameter (mm):**

Ground **Back Surface:**

**Center Thickness CT (mm):**

3.00

Center Thickness Tolerance (mm):

±0.30

Edge Thickness ET (mm):

3.63

Edges:

Ground

Radius R (mm):

20.0

## Optical Properties

Coating Type:

Metal

Coating:

Protected Aluminum (400-2000nm)

Wavelength Range (nm):

400 - 2000

Effective Focal Length EFL (mm):

10.00

Substrate:

**N-BK7**

Aperture (f/#):

f/1

Coating Specification:

R<sub>avg</sub> >85% @400 - 700nm

R<sub>avg</sub> >90% @400 - 2000nm

Focal Length Tolerance (%):

±2

Surface Accuracy:

λ/4

Surface Quality:

60-40

Radius of Curvature (mm):

20.00

## Regulatory Compliance

RoHS 2015:

**Compliant**

Certificate of Conformance:

[View](#)

Reach 247:

**Compliant**

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Aluminum Coating
- Ideal for UV, Visible, and IR Applications
- Multiple Diameter and f/# Combinations Available

λ/4 Spherical Mirrors have flat rear surfaces and aluminum coated spherical front surfaces. These mirrors are ideal for applications in UV, VIS, and IR wavelength ranges.

## Technical Information

