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10mm Dia x 20mm Focal Length, Spherical Mirror



Stock **#46-232** **20+ In Stock**

- 1 + S\$60⁰⁰

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| Qty 1-49 | S\$60.90 each |
| Qty 50-99 | S\$54.60 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:**

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

Center Thickness Tolerance (mm):
±0.30

Edge Thickness ET (mm):
3.31

Edges:
Ground

Radius R (mm):
40.0

Optical Properties

Coating Type:
Metal

Coating:
Protected Aluminum (400-2000nm)

Wavelength Range (nm):
400 - 2000

Effective Focal Length EFL (mm):
20.00

Substrate:
N-BK7

Aperture (f#):
f/2

Coating Specification:
R_{avg} >85% @ 400 - 700nm
R_{avg} >90% @ 400 - 2000nm

Focal Length Tolerance (%):
±2

Surface Accuracy:
λ/4

Surface Quality:
60-40

Radius of Curvature (mm):
40.00

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

Product Details

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

