

[See all 9 Products in Family](#)

20mm Dia x 40mm Focal Length, Spherical Mirror



Stock **#46-238** **3 In Stock**

- 1 + S\$74.⁹⁰

ADD TO CART

Volume Pricing	
Qty 1-49	S\$74.90 each
Qty 50-99	S\$68.60 each
Need More?	Request Quote

Product Downloads

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

20.00 +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):
3.63

Edges:
Ground

Radius R (mm):
80.0

Optical Properties

Coating Type:
Metal

Coating:
Protected Aluminum (400-2000nm)

Wavelength Range (nm):
400 - 2000

Effective Focal Length EFL (mm):
40.00

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):
80.00

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

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

