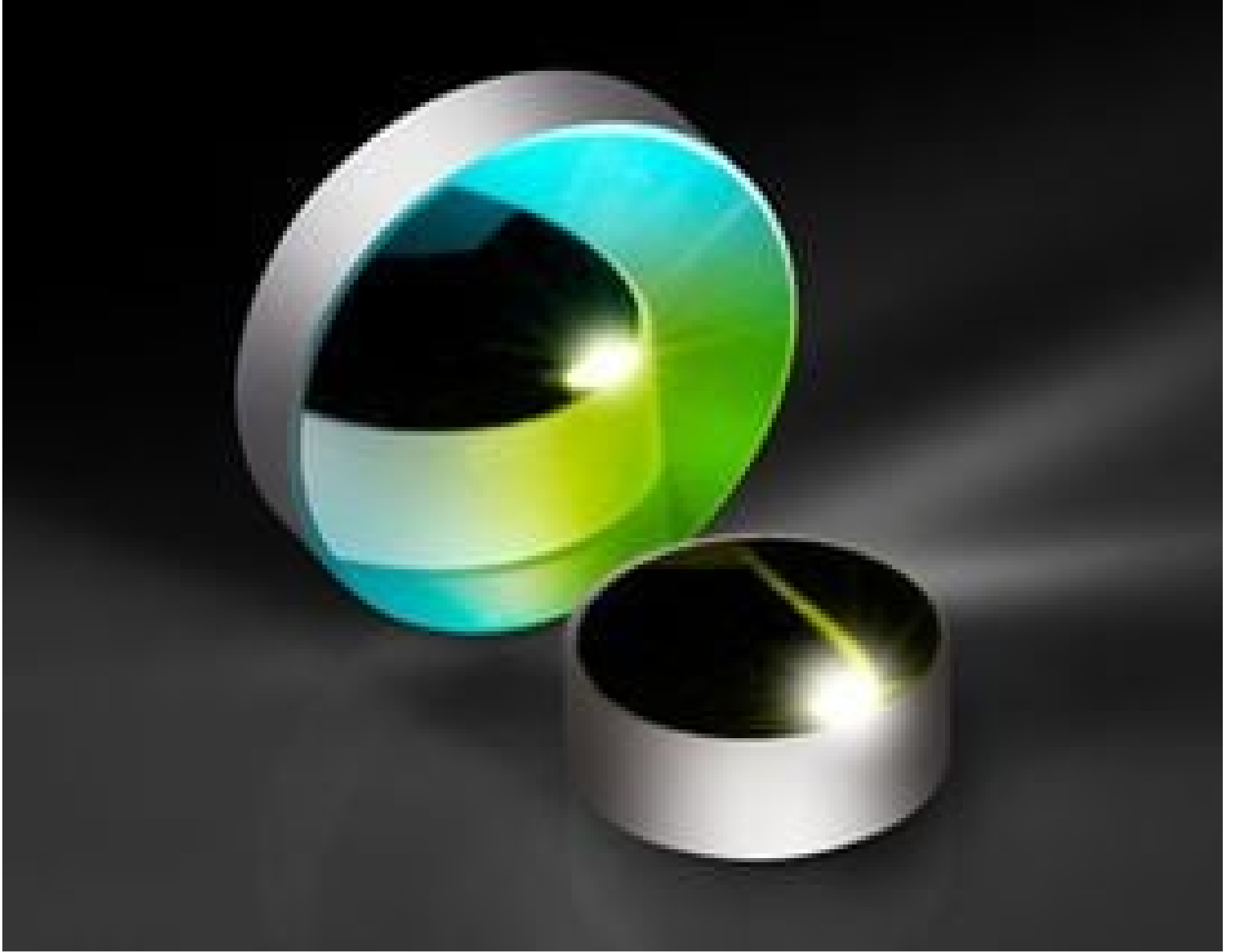


10mm Dia x 20mm Focal Length, Spherical Mirror



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

- 1 + \$60.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-49	\$60.90 each
Qty 50-99	\$54.60 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

Diameter (mm):

10.00 +0.00/-0.30

Back Surface:

Ground

Center Thickness CT (mm):

3.00

Center Thickness Tolerance (mm):

±0.30

Edge Thickness ET (mm):

3.31

Edges:

Ground

Radius R (mm):

40.0

Optical Properties

Substrate:

N-BK7

Focal Length Tolerance (%):

±2

Surface Quality:

60-40

Surface Accuracy:

λ/4

Effective Focal Length EFL (mm):

20.00

Radius of Curvature (mm):

40.00

Aperture (f#):

f/2

Coating:

Protected Aluminum (400-2000nm)

Coating Specification:

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

Coating Type:

Metal

Wavelength Range (nm):

400 - 2000

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

