

[See all 9 Products in Family](#)

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



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

- 1 + €43<sup>50</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-49	€43,50 each
Qty 50-99	€39,00 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

### 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](#)

## 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

