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15mm Dia x 30mm Focal Length, Spherical Mirror



Stock #46-235 **5 In Stock**

€50^{.50}

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Qty 1-49	€50,50 each
Qty 50-99	€45,00 each
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Product Downloads

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

15.00 +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):

3.47

Edges:

Ground

Radius R (mm):

60.0

Optical Properties

Coating Type:

Metal

Coating:

Protected Aluminum (400-2000nm)

Wavelength Range (nm):

400 - 2000

Effective Focal Length EFL (mm):

30.00

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):

60.00

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

