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50mm Dia. x 50mm FL Protected Aluminum, Concave Mirror



Stock #43-470 **15 In Stock**

- 1 + MRP ₹6,357

i Price inclusive of all taxes

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Volume Pricing	
Qty 1-49	₹6,357 each
Qty 50-99	₹5,448 each
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General

Spherical Mirror **Type:**

Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

Edge Thickness ET (mm):

6.0

Optical Properties

Coating Type:

Metal

Coating:

Protected Aluminum (400-2000nm)

Wavelength Range (nm):

400 - 2000

Effective Focal Length EFL (mm):

50.00

Substrate: □

N-BK7

Aperture (f/#):

f/1

Coating Specification:

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

Focal Length Tolerance (%):

±2

Radius R₁ (mm):

100.00

Surface Quality:

80-50

Radius of Curvature (mm):

100.00

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

Compliant

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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Product Details

- Ideal for Focusing Light
- Aluminum and Gold Coating Options
- Available in Sizes Ranging from 9 - 50mm

Concave Spherical Mirrors are ideal for collecting and focusing light in a wide range of applications. These mirrors are available with protected metallic coatings covering the UV, VIS, and IR spectrum. A protective layer increases the coating's durability and prevents corrosion. Concave Spherical Mirrors are available in diameters ranging from 9-50mm for ease of system integration.

Technical Information



