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## 12mm Dia. x 6mm FL Protected Aluminum, Concave Mirror



Stock #43-462 **20+ In Stock**

- 1 + ₹4,065

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-49	₹4,065 each
Qty 50-99	₹3,444 each
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### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

12.00 ±0.50 **Diameter (mm):**

**Clear Aperture (%):**

90

Edge Thickness ET (mm):

3.0

## Optical Properties

Coating Type:

Metal

Coating:

Protected Aluminum (400-2000nm)

Wavelength Range (nm):

400 - 2000

Effective Focal Length EFL (mm):

6.00

Substrate:

N-BK7

Aperture (f/#):

f/0.5

Coating Specification:

R<sub>avg</sub> >85% @ 400 - 700nm  
R<sub>avg</sub> >90% @ 400 - 2000nm

Focal Length Tolerance (%):

±2

Radius R<sub>1</sub> (mm):

12.00

Surface Quality:

80-50

Radius of Curvature (mm):

12.00

## Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

Compliant

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited

## 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

