

[See all 22 Products in Family](#)

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



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

- 1 + S\$68<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-49	S\$68.60 each
Qty 50-99	S\$58.80 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

12.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

Edge Thickness ET (mm):

3.0

## Optical Properties

Metal **Coating Type:**

Protected Aluminum (400-2000nm) **Coating:**

400 - 2000 **Wavelength Range (nm):**

6.00 **Effective Focal Length EFL (mm):**

**N-BK7** **Substrate:** □

f/0.5 **Aperture (f/#):**

**Coating Specification:**  
R<sub>avg</sub> >85% @400 - 700nm  
R<sub>avg</sub> >90% @400 - 2000nm

±2 **Focal Length Tolerance (%):**

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

80-50 **Surface Quality:**

12.00 **Radius of Curvature (mm):**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 247:**

## 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

