

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



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

-

1

+

€49<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-49       | €49,00 each                   |
| Qty 50-99      | €42,00 each                   |
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Spherical Mirror

Physical & Mechanical Properties

Thickness Tolerance (mm):

±0.5

Diameter (mm):

12.00 ±0.50

|                                                                           |                                     |
|---------------------------------------------------------------------------|-------------------------------------|
| 90                                                                        | Clear Aperture (%):                 |
| 3.0                                                                       | Edge Thickness ET (mm):             |
| 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: <input type="checkbox"/> |
| f/0.5                                                                     | Aperture (f/#):                     |
| R <sub>avg</sub> >85% @400 - 700nm<br>R <sub>avg</sub> >90% @400 - 2000nm | Coating Specification:              |
| ±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, VS, 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

