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## 25mm Dia. x 10mm FL Protected Gold, Concave Mirror



Stock #43-834 [CONTACT US](#)

⊖ 1 ⊕ €66<sup>.50</sup>

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### Volume Pricing

Qty 1-49	€66,50 each
Qty 50-99	€57,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

25.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

Edge Thickness ET (mm):

3.0

## Optical Properties

Metal **Coating Type:**

Protected Gold (700-10000nm) **Coating:**

700 - 10000 **Wavelength Range (nm):**

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

[N-BK7](#) **Substrate:**

f/0.4 **Aperture (f#):**

**Coating Specification:**  
R<sub>avg</sub> >96% @ 700 - 2000nm  
R<sub>avg</sub> >96% @ 2000 - 10,000nm

±2 **Focal Length Tolerance (%):**

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

80-50 **Surface Quality:**

20.00 **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

