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



Stock #43-835 **20+ In Stock**

S\$93^{.10}

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| Qty 1-49 | S\$93.10 each |
| Qty 50-99 | S\$79.80 each |
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General

Spherical Mirror **Type:**

Physical & Mechanical Properties

25.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

3.0 **Edge Thickness ET (mm):**

Thickness Tolerance (mm):
±0.5

Optical Properties

N-BK7 Substrate:

Focal Length Tolerance (%):
±2

Surface Quality:
80-50

Effective Focal Length EFL (mm):
25.00

Radius of Curvature (mm):
50.00

Aperture (f/#):
f/1

Coating:
Protected Gold (700-10000nm)

Coating Specification:
R_{avg} >96% @ 700 - 2000nm
R_{avg} >96% @ 2000 - 10,000nm

Coating Type:
Metal

Radius R₁ (mm):
50.00

Wavelength Range (nm):
700 - 10000

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
[View](#)

Reach 247:
Compliant

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

