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9mm Dia. x 4.5mm FL Protected Gold, Concave Mirror



Stock #43-825 **10 In Stock**

S\$79⁰⁰

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Volume Pricing	
Qty 1-49	S\$79.80 each
Qty 50-99	S\$68.60 each
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General

Spherical Mirror Type:

Physical & Mechanical Properties

±0.5 Thickness Tolerance (mm):

9.00 ±0.50 Diameter (mm):

90 Clear Aperture (%):

Edge Thickness ET (mm):

3.0

Optical Properties

Coating Type:

Metal

Coating:

Protected Gold (700-10000nm)

Wavelength Range (nm):

700 - 10000

Effective Focal Length EFL (mm):

4.50

Substrate: □

N-BK7

Aperture (f/#):

f/0.5

Coating Specification:

R_{avg} >96% @ 700 - 2000nm

R_{avg} >96% @ 2000 - 10,000nm

Focal Length Tolerance (%):

±2

Radius R₁ (mm):

9.00

Surface Quality:

80-50

Radius of Curvature (mm):

9.00

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

