

[See all 22 Products in Family](#)

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



Stock #43-825 **1 In Stock**

⊖ 1 ⊕ £45⁰⁰

ADD TO CART

Volume Pricing

Qty 1-49	£45.60 each
Qty 50-99	£39.20 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

9.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

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 R_1 (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

