

50mm Dia. x 100mm FL Protected Gold, Concave Mirror



Stock **#43-841** 11 In Stock

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+

A\$128^{.00}

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Volume Pricing	
Qty 1-49	A\$128.00 each
Qty 50-99	A\$108.80 each
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Thickness Tolerance (mm):

±0.5

Diameter (mm):

50.00 ±0.50

Clear Aperture (%):

90

Edge Thickness ET (mm):		6.0
Optical Properties		
Coating Type:		Metal
Coating:		Protected Gold (700-10000nm)
Wavelength Range (nm):		700 - 10000
Effective Focal Length EFL (mm):		100.00
Substrate:		N-BK7
Aperture (f/#):		f/2
Coating Specification:		R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm
Focal Length Tolerance (%):		±2
Radius R _i (mm):		200.00
Surface Quality:		80-50
Radius of Curvature (mm):		200.00
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

