

12mm Dia. x 12mm FL Protected Gold, Concave Mirror



Stock **#43-833** [CONTACT US](#)

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1

+

A\$98⁻⁴⁰

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Volume Pricing	
Qty 1-49	A\$98.40 each
Qty 50-99	A\$84.80 each
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Diameter (mm):

12.00 ±0.50

Clear Aperture (%):

90

Edge Thickness ET (mm):

3.0

Thickness Tolerance (mm):		±0.5
Optical Properties		
N-BK7	Substrate: ☐	
	Focal Length Tolerance (%):	
±2		
Surface Quality:		
80-50		
Effective Focal Length EFL (mm):		
12.00		
Radius of Curvature (mm):		
24.00		
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 R _i (mm):		
24.00		
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

