

101.6mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock **#20-155** [CONTACT US](#)

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1

+

S\$1,702⁵⁹

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Volume Pricing	
Qty 1-5	S\$1,702.59 each
Qty 6-25	S\$1,530.84 each
Qty 26-49	S\$1,448.70 each
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SPECIFICATIONS

General

Flat Mirror

Type:

Physical & Mechanical Properties

101.60 +0.00/-0.40	Diameter (mm):
90	Clear Aperture (%):
<175	Surface Roughness (□):
12.70	Thickness (mm):

Optical Properties

Aluminum 6061-T6	Substrate: □
80-50	Surface Quality:
Coating Specification: R _{avg} >94% @ 700 - 800nm R _{avg} >97% @ 800 - 2000nm R _{avg} >98% @ 2 - 12μm	
Protected Gold (700-12000nm)	Coating:
Metal	Coating Type:
0.7 - 12	Wavelength Range (μm):
700 - 12000	Wavelength Range (nm):
λ/2	Surface Flatness (RMS):

Threading & Mounting

8-32 TPI Tapped Holes	Mounting Threads:
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Regulatory Compliance

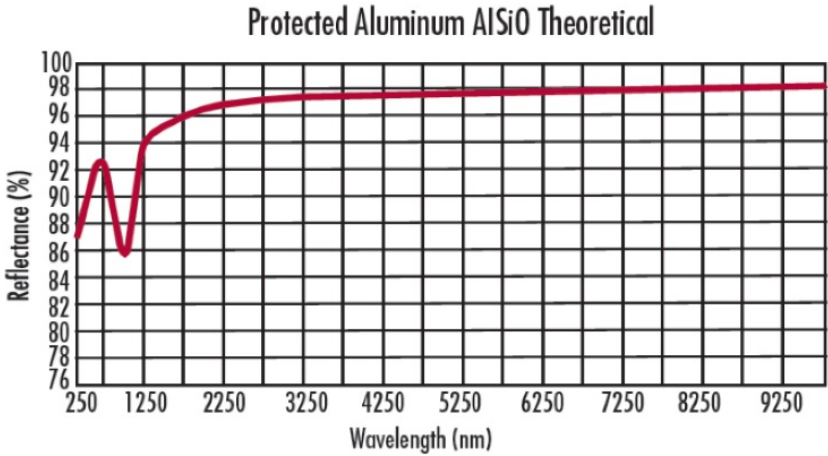
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

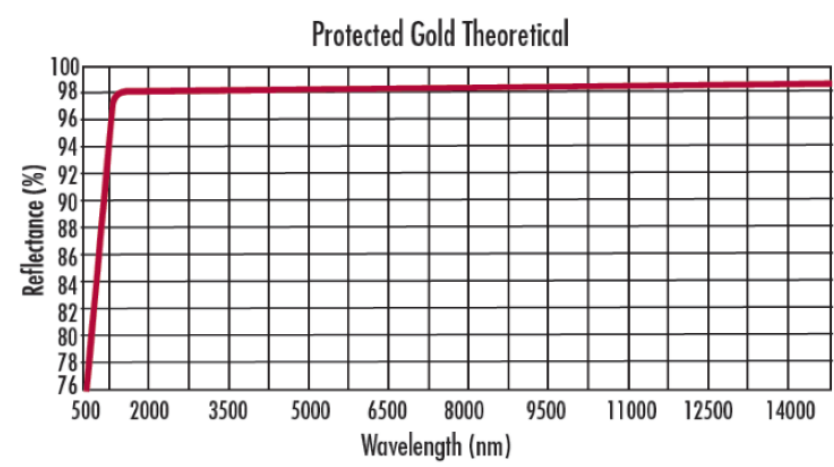
PRODUCT DETAILS

- Aluminum Substrate Mirrors
- Ideal for LWR Laser Applications
- Aluminum and Gold Coating Options

Metal Substrate Mirrors are available with either a protected aluminum or gold coating and are ideal for LWR (greater than 2000nm) laser applications. Due to the 17.5nm roughness of the diamond turned surface, these mirrors may not be suitable for UV and visible applications that require low scatter. The backs of the mirrors are machined flat and are tapped with 3 holes for easy, accurate mounting. Metal Substrate Mirrors are aluminum substrate, diamond turned metal mirrors. These mirrors are available in five diameters: 25.4, 38.1, 50.8, 76.2, and 101.6mm.

TECHNICAL INFORMATION





COMPATIBLE MOUNTS

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