

50.8mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock #47-118 10 In Stock

-

1

+

£377⁶⁰

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Volume Pricing	
Qty 1-5	£377.60 each
Qty 6-25	£339.20 each
Qty 26-49	£320.80 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

50.80 +0.00/-0.38

Diameter (mm):

Thickness (mm):

9.50	
	Clear Aperture (%):
90	
	Surface Roughness (□):
<175	

Optical Properties	
	Wavelength Range (μm):
0.7 - 12	
	Coating Type:
Metal	
	Coating:
Protected Gold (700-12000nm)	
	Wavelength Range (nm):
700 - 12000	
	Substrate: □
Aluminum 6061-T6	
	Coating Specification:
R _{avg} >94% @ 700 - 800nm R _{avg} >97% @ 800 - 2000nm R _{avg} >98% @ 2 - 12μm	
	Surface Quality:
80-50	
	Surface Flatness (RMS):
λ/4	

Threading & Mounting	
	Mounting Threads:
6-32 TPI Tapped Holes	

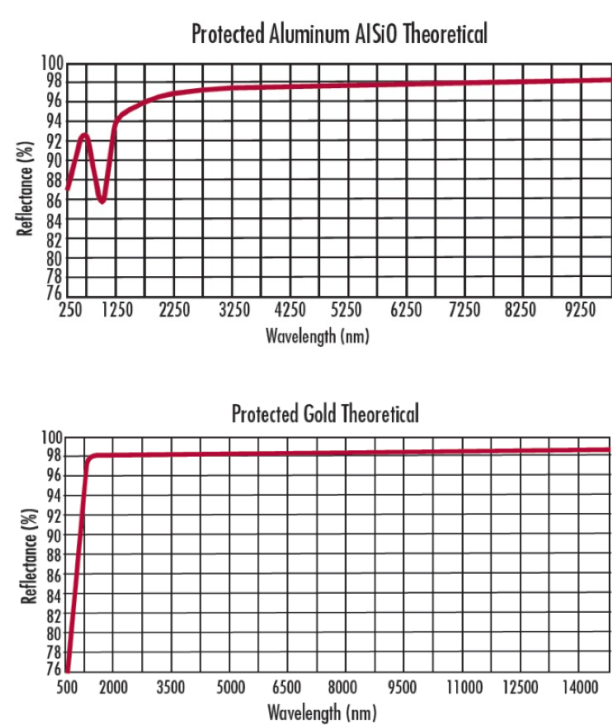
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 247:
Compliant	

Product Details

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

Metal Substrate Mirrors are available with either a protected aluminum or gold coating and are ideal for LWMR (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

