

50.8mm Dia., Aluminum Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock **#47-117** 8 In Stock

-

1

+

A\$648⁰⁰

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Volume Pricing	
Qty 1-5	A\$648.00 each
Qty 6-25	A\$584.00 each
Qty 26-49	A\$552.00 each
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Product Downloads

General	
Flat Mirror	Type:
Physical & Mechanical Properties	
50.80 +0.00/-0.38	Diameter (mm):
90	Clear Aperture (%):

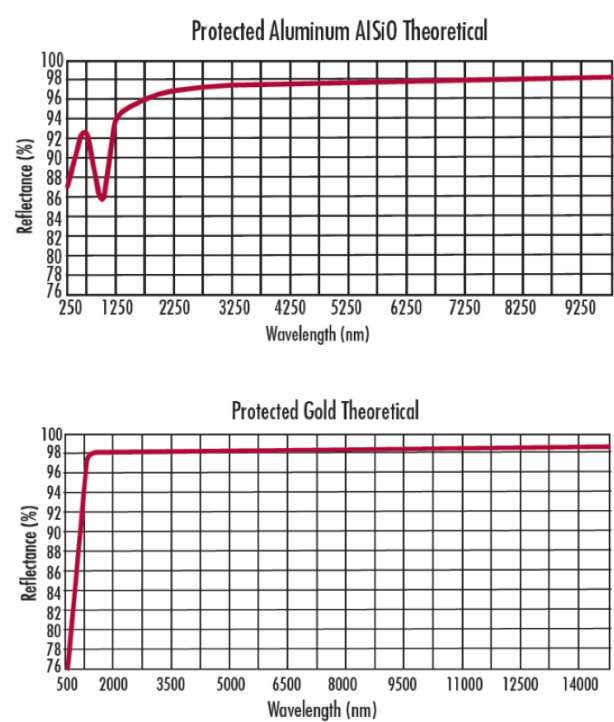
Surface Roughness (□):	
<175	
Thickness (mm):	
9.50	
Optical Properties	
Substrate: □	
Aluminum 6061-T6	
Surface Quality:	
80-50	
Coating Specification:	
R _{avg} >85% @400 - 700nm R _{avg} >70% @700 - 2000nm R _{avg} >97% @2 - 12μm	
Coating:	
Protected Aluminum (400-12000nm)	
Coating Type:	
Metal	
Wavelength Range (μm):	
0.4 - 12	
Wavelength Range (nm):	
400 - 12000	
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

