

[See all 10 Products in Family](#)

76.2mm Dia., Gold Coated, Aluminum Substrate Mirror



Stock **#47-120** **6 In Stock**

-

1

+

S\$1,029⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	S\$1,029.00 each
Qty 6-25	S\$931.00 each
Qty 26-49	S\$875.00 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

76.20 +0.00/-0.38

Diameter (mm):

12.70	Thickness (mm):
90	Clear Aperture (%):
<175	Surface Roughness (□):

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

Threading & Mounting	
8-32 TPI Tapped Holes	Mounting Threads:

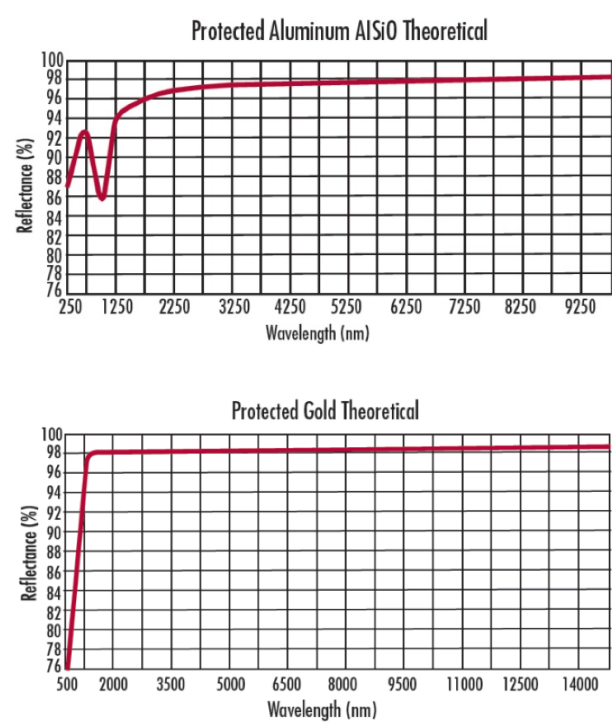
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

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

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

