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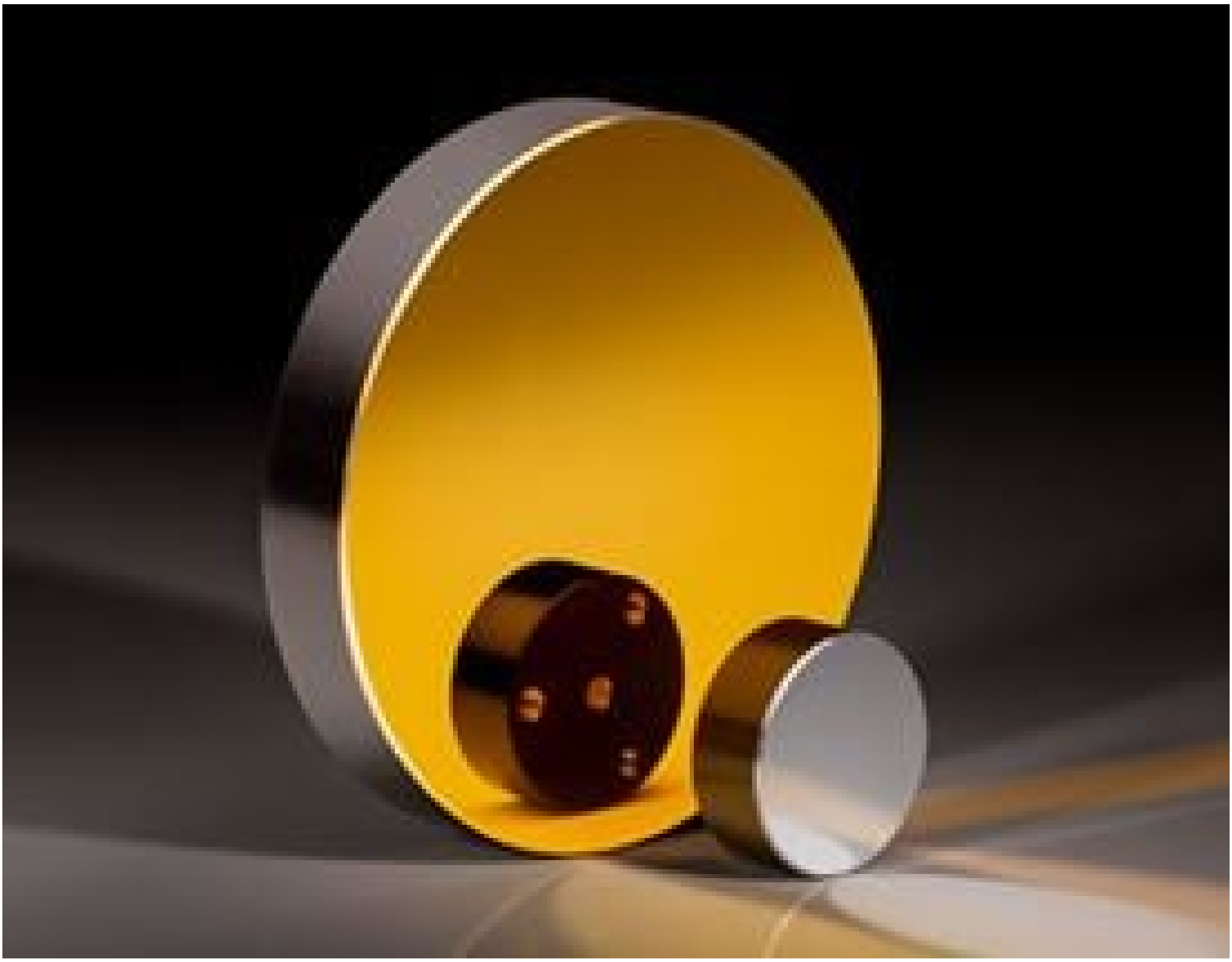
50.8mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock **#47-118** **4 In Stock**

- 1 + **MRP** ₹47,620

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	**₹47,620** each
Qty 6-25	**₹42,777** each
Qty 26-49	**₹40,457** each
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General

Type:

Flat Mirror

Physical & Mechanical Properties

Diameter (mm):

50.80 +0.00/-0.38

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

Country of Origin:
United States

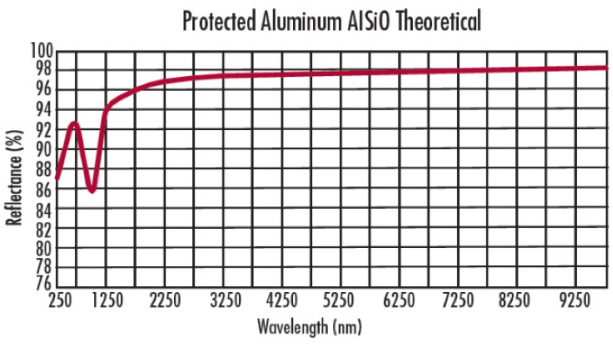
Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

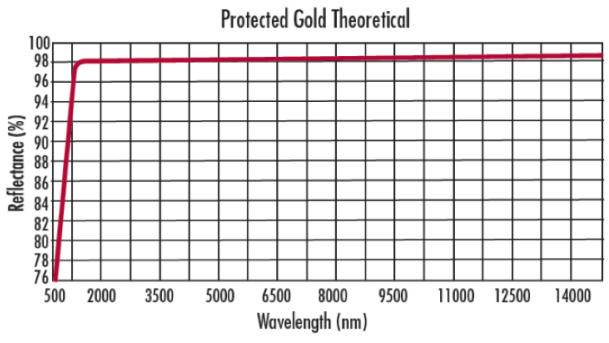
Product Details

- 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

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