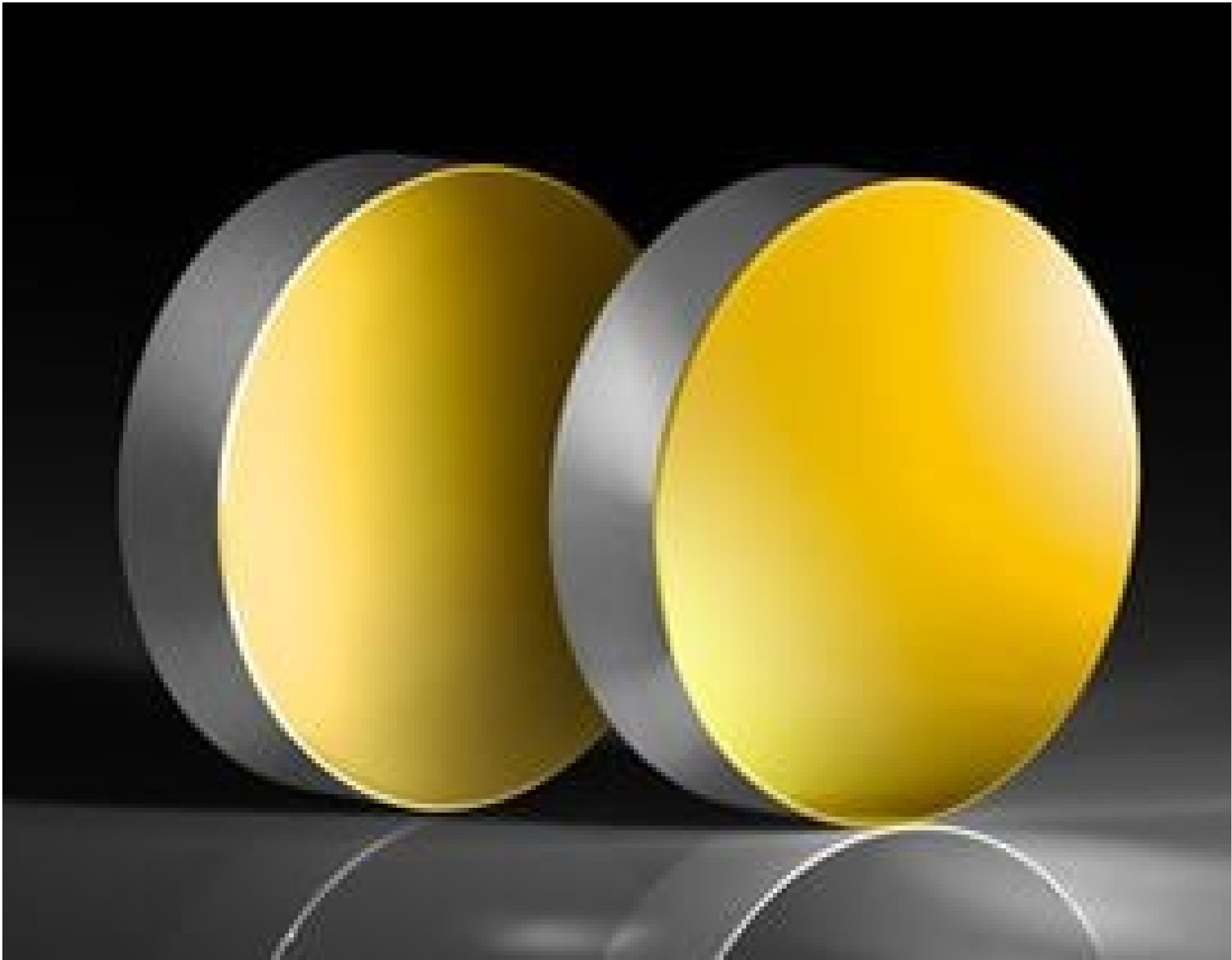


12.7mm Dia., Protected Gold Coated, ISP Optics λ /4 Mirror | P-MF-AU-12

See More by [ISP Optics](#)



Stock #25-011 CLEARANCE 7 In Stock

-

1

+

C\$144²⁰

ADD TO CART

Volume Pricing	
Qty 1+	C\$144.20 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror	Type:
P-MF-AU-12	Model Number:

Physical & Mechanical Properties

12.70 +0.00/-0.13	Diameter (mm):
6.35 ±0.20	Thickness (mm):

Fine Grind	Back Surface:
11.43	Clear Aperture CA (mm):
Fine Ground	Edges:
Optical Properties	
Metal	Coating Type:
Protected Gold (3000-5000nm)	Coating:
λ/4	Surface Flatness (P-V):
3000 - 5000	Wavelength Range (nm):
Pyrex	Substrate: ☐
R _{avg} ≥95% @ 3000 - 5000nm	Coating Specification:
40-20	Surface Quality:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Pyrex® Mirror Substrates
- Protected Gold Coating
- Ideal for LWIR Applications

ISP Optics Gold Coated Mirrors feature a protected gold coating on a Pyrex® mirror substrate with an operating wavelength range of 0.7 – 12µm. Protected gold is the most efficient reflective coating over the entire Infrared (IR) wavelength range. In addition, Pyrex® is a low-expansion material, making it relatively insensitive to temperature changes. As such, ISP Optics Gold Coated Mirrors are ideal for a wide range of IR applications. A protective dielectric overcoat is deposited over the gold to protect the fragile coating from damage and to make cleaning and handling easier.