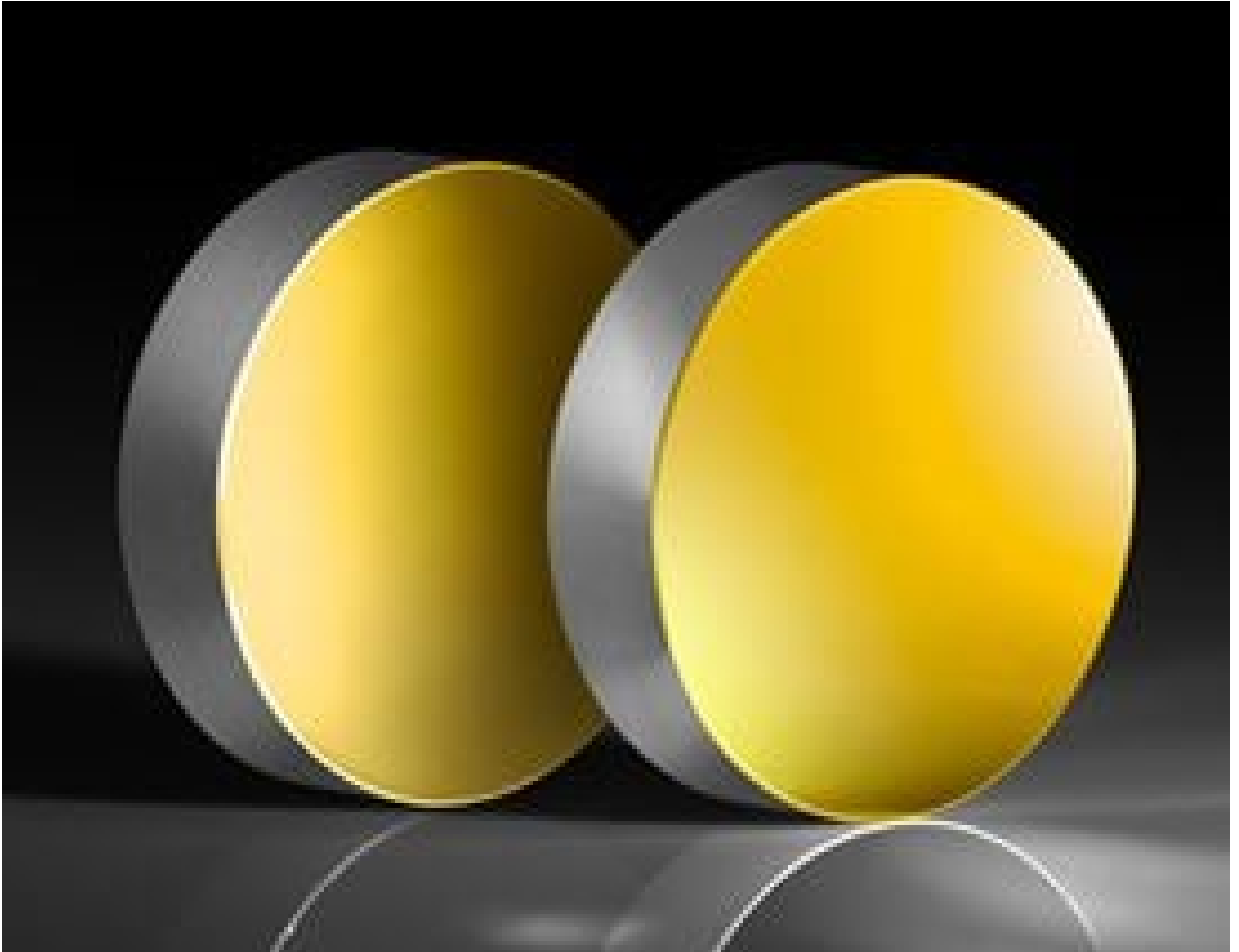


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12.7mm Dia., Protected Gold Coated, ISP Optics $\lambda/4$ Mirror | P-MF-AU-12

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Stock #25-011 CLEARANCE 7 In Stock

⊖ 1 ⊕ €103⁹⁵

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General

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

Physical & Mechanical Properties

12.70 +0.00/-0.13 **Diameter (mm):**
Thickness (mm):

6.35 ±0.20

Back Surface:

Fine Grind

Clear Aperture CA (mm):

11.43

Edges:

Fine Ground

Optical Properties

Coating Type:

Metal

Coating:

Protected Gold (3000-5000nm)

Surface Flatness (P-V):

λ/4

Wavelength Range (nm):

3000 - 5000

Substrate:

Pyrex

Coating Specification:

R_{avg} ≥95% @ 3000 - 5000nm

Surface Quality:

40-20

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- Pyrex® Mirror Substrates
- Protected Gold Coating
- Ideal for LWMR 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.