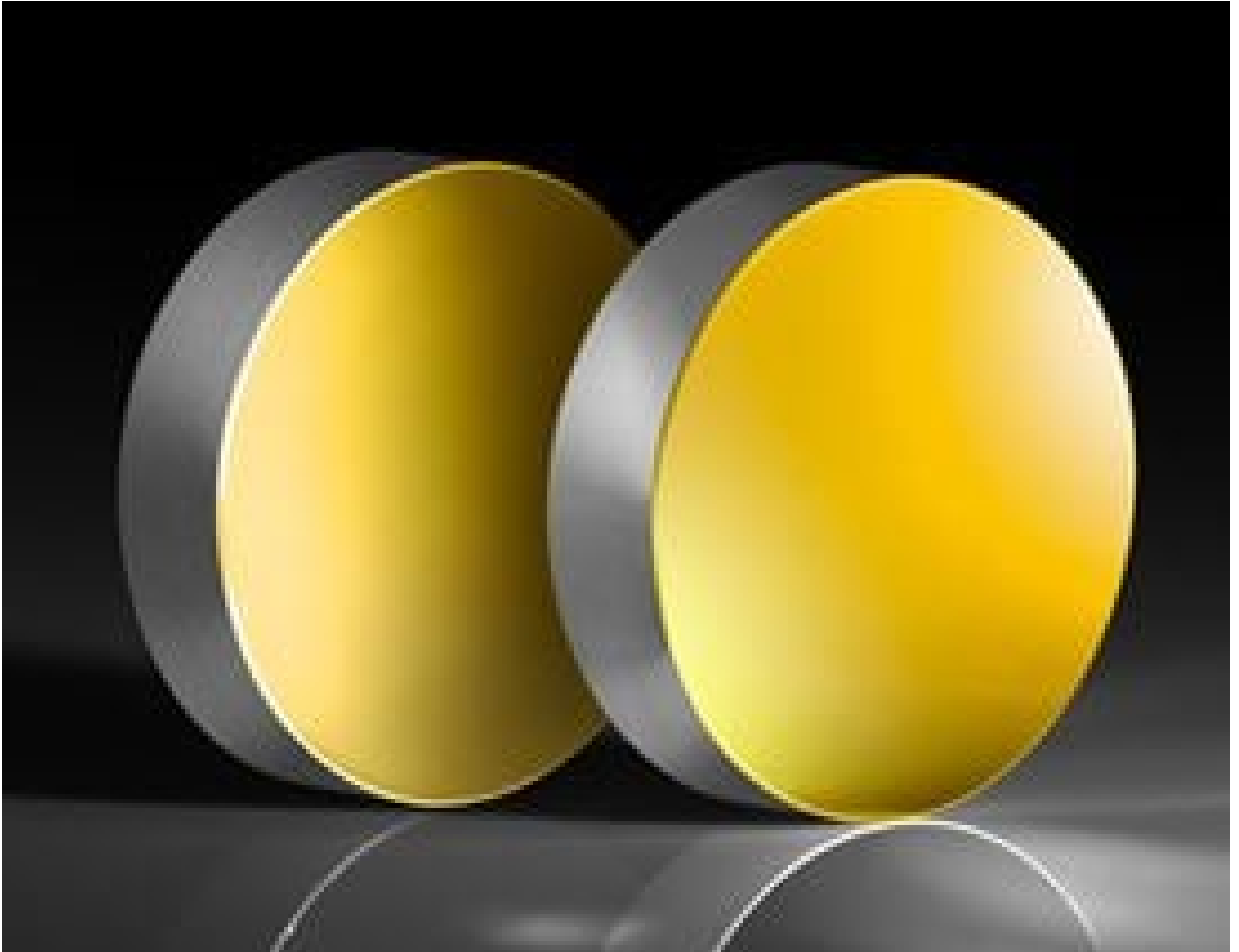


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## 12.7mm Dia., Protected Gold Coated, ISP Optics $\lambda/4$ Mirror | P-MF-AU-12

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Stock #25-011 CLEARANCE 7 In Stock

⊖ 1 ⊕ £83<sup>16</sup>

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**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### 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<sub>avg</sub> ≥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.