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Silicon Substrate Gold Mirrors



- Excellent Thermal Stability
- Ideal for Weight Sensitive Applications
- Increased Durability over Glass Substrate Mirrors

Common Specifications

Physical & Mechanical Properties

Back Surface:	Commercial Polish	Clear Aperture (%):	90.00
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Optical Properties

Surface Flatness (P-V):	1λ	Substrate:	Silicon (Si)
Surface Quality:	60-40	Coating Specification:	R _{avg} >97% @ 800 - 2000nm R _{avg} >94% @ 700 - 800nm
Coating:	Protected Gold (700-2000nm)	Wavelength Range (nm):	700 - 2000
Damage Threshold, Reference:	0.8 J/cm ² @ 1064nm, 10ns		

Technical Information

Products

Dia. (mm)	Surface Flatness (P-V)	Coating Specification	Coating	Thickness (mm)	Stock Number	Price	Buy
12.50	1λ	R _{avg} >97% @ 800 - 2000nm R _{avg} >94% @ 700 - 800nm	Protected Gold (700- 2000nm)	2.00	#33-246	₹17,516 Volume Pricing	Contact Us
25.00	1λ	R _{avg} >97% @ 800 - 2000nm R _{avg} >94% @ 700 - 800nm	Protected Gold (700- 2000nm)	1.00	#33-247	₹18,295 Volume Pricing	Contact Us
50.00	1λ	R _{avg} >97% @ 800 - 2000nm R _{avg} >94% @ 700 - 800nm	Protected Gold (700- 2000nm)	1.00	#33-248	₹28,415 Volume Pricing	2 In Stock



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com