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Broadband IR Laser Mirrors



- Greater than 98% Reflectivity from 2 - 20 μ m
- Copper Substrate Mirrors
- High Damage Thresholds

Common Specifications

Physical & Mechanical Properties

Parallelism (arcmin):	<3	Clear Aperture (%):	90
Surface Roughness ($\text{\AA}$):	<50 RMS		

Optical Properties

Surface Quality:	20-10		
Coating Specification:	$R_{\text{avg}} > 98.8\% @ 2 - 20\mu\text{m}$	Wavelength Range (nm):	2000 - 20000
Surface Flatness (P-V):	$\lambda/20 @ 10.6\mu\text{m}$	Coating Type:	Metal
Coating:	Bare Gold	Substrate:	Copper
Damage Threshold, By Design:	Typical: 50 kW/cm ²		

Technical Information

Products

Wavelength Range (nm)	Dia. (mm)	Thickness (mm)	Stock Number	Price	Buy
2000 - 20000	25.00	6.00	#33-000	A\$477.92 Volume Pricing	1 In Stock
2000 - 20000	50.00	10.00	#33-001	A\$733.36 Volume Pricing	3 In Stock



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