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TECHSPEC® Broadband Dielectric $\lambda/4$ Mirrors


- Enhanced Reflectivity and LDT over Metallic Coatings
- Average Reflectivity >99% from 400 – 750nm
- Designed for all Polarization States at 0 – 45° AOI
- [\$\lambda/10\$](#) Versions Available

Common Specifications

Physical & Mechanical Properties

Back Surface:	Commercial Polish	Clear Aperture (%):	90
Edges:	Ground	Parallelism (arcmin):	5

Optical Properties

Coating:	Dielectric Mirror (400-750nm)	Coating Specification:	$R_{avg} > 98\%$ @ 400 - 750nm (0-45°, All Polarizations) $R_{avg} > 99\%$ @ 400 - 750nm (0-45°, S-Polarizations)
Wavelength Range (nm):	400 - 750	Surface Flatness (P-V):	$\lambda/4$ (typical)
Substrate:	BOROFLOAT®	Surface Quality:	60-40
Coating Type:	Dielectric	Angle of Incidence (°):	0-45
Damage Threshold, By Design:	0.5 J/cm ² @ 532nm, 20ns, 20Hz		

Technical Information

Products

Title	Stock Number	Price	Buy
12.5mm Dia. 400 - 750nm Broadband $\lambda/4$ Mirror	#70-667	S\$97.30 Volume Pricing	20+ In Stock
15mm Dia. 400 - 750nm Broadband $\lambda/4$ Mirror	#70-669	S\$121.80 Volume Pricing	15 In Stock
20mm Dia. 400 - 750nm Broadband $\lambda/4$ Mirror	#70-670	S\$121.80 Volume Pricing	12 In Stock
25mm Dia. 400 - 750nm Broadband $\lambda/4$ Mirror	#70-671	S\$130.20 Volume Pricing	20+ In Stock
50mm Dia. 400 - 750nm Broadband $\lambda/4$ Mirror	#70-676	S\$267.40 Volume Pricing	Contact Us



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