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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:	Commerical 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
#70-667 New			
12.5mm Dia. 400 - 750nm Broadband λ/4 Mirror			
	<div>New</div> <div>Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!</div>	<div>€62,50</div> <div>Qty 6+ €50,00</div>	3-4 days
#70-669 New			
15mm Dia. 400 - 750nm Broadband λ/4 Mirror			
	<div>New</div> <div>Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!</div>	<div>€78,00</div> <div>Qty 6+ €62,50</div>	3-4 days
#70-670 New			
20mm Dia. 400 - 750nm Broadband λ/4 Mirror			
	<div>New</div> <div>Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!</div>	<div>€78,00</div> <div>Qty 6+ €62,50</div>	3-4 days

[#70-671 New](#)



25mm Dia. 400 -
750nm Broadband
 $\lambda/4$ Mirror

New

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appearing in our latest print
catalogs. Be the first to buy before
anyone else!

€83,50
Qty 6+ €66,50

3-4 days

[#70-676 New](#)



50mm Dia. 400 -
750nm Broadband
 $\lambda/4$ Mirror

New

Launched on our website before
appearing in our latest print
catalogs. Be the first to buy before
anyone else!

€172,00
Qty 6+ €137,00

3-4 days



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