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Precision Waveplates for Laser Processing



- High Laser Damage Threshold at Common Laser Processing Wavelengths
- $\lambda/500$ Retardance Tolerance
- Ideal for Material Machining Applications

Common Specifications

Physical & Mechanical Properties

Construction: Air-Spaced

Parallelism (arcsec): <3

Optical Properties

Coating: $R_{avg} < 0.1\%$ on each surface

Substrate: Crystal Quartz

Retardance: $\lambda/2$

Surface Quality: 20-10

Retardance Tolerance: $< \lambda/500$ @ 20C

Threading & Mounting

Mount Thickness (mm): 6.00 +0.00/-0.25

Technical Information

Products

Title	Stock Number	Price	Buy
Low Order Ultra High LDT Waveplate $\lambda/2$ 532nm 25.4mm Dia	#70-198	C\$1,224.30	4 In Stock
Low Order Ultra High LDT Waveplate $\lambda/2$ 1030nm 25.4mm Dia	#70-197	C\$1,224.30	2 In Stock
Low Order Ultra High LDT Waveplate $\lambda/2$ 1064nm 25.4mm Dia	#70-196	C\$1,224.30	3 In Stock
Low Order Ultra High LDT Waveplate $\lambda/2$ 532nm 50.8mm Dia	#70-195	C\$3,710.00	2 In Stock
Low Order Ultra High LDT Waveplate $\lambda/2$ 1030nm 50.8mm Dia	#70-194	C\$3,710.00	5 In Stock
Low Order Ultra High LDT Waveplate $\lambda/2$ 1064nm 50.8mm Dia	#70-193	C\$3,710.00	4 In Stock



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