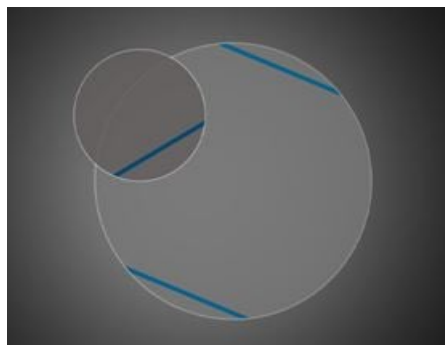


[All Products](#) /
 [Optics](#) /
 [Polarization Optics](#) /
 [Retarders \(Waveplates\)](#) /
 [Polymer Waveplates](#)

Ultra-Thin NIR Achromatic Polymer Retarders



- Ultra-Thin $\leq 0.55\text{mm}$ Substrates for OEM Integration
- Options For 600-1100nm and 700-1550nm
- Wide Acceptance Angle Tolerance of $\pm 10^\circ$

Common Specifications

General

Note:

Slow axis marked with blue dot on part and stripe on protective film

Optical Properties

Angle of Incidence ($^\circ$): ± 10

Substrate: Polymer Stack

Surface Quality: 60-40

Damage Threshold, By Design: 500 Watt/cm² CW, .3 J/cm² 10 nsec pulses @ 532nm, 2 J/cm² 20 nsec pulses @ 1064nm typical

Environmental & Durability Factors

Operating Temperature ($^\circ\text{C}$): -20 to +40

Technical Information

Products

Dia. (mm)	Retardance	Wavelength Range (nm)	Thickness (mm)	Stock Number	Price	Buy
12.70	$\lambda/2$	700 - 1100	0.35	#70-575	A\$898.16 Volume Pricing	5 In Stock
12.70	$\lambda/4$	700 - 1550	0.55	#70-708	A\$815.76 Volume Pricing	7 In Stock
12.70	$\lambda/4$	700 - 1100	0.55	#70-573	A\$898.16 Volume Pricing	5 In Stock
25.40	$\lambda/2$	700 - 1100	0.35	#70-576	A\$1,112.40 Volume Pricing	8 In Stock
25.40	$\lambda/4$	700 - 1550	0.55	#70-709	A\$1,021.76 Volume Pricing	5 In Stock
25.40	$\lambda/4$	700 - 1100	0.55	#70-574	A\$1,112.40 Volume Pricing	1 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com