

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

Polymer Waveplates (Retarders)



- True Zero Order Waveplate Performance
- $\lambda/4$ and $\lambda/2$ Retardance
- Available with Multiple Wavelengths or Achromatic Designs

Common Specifications

Physical & Mechanical Properties				
Diameter (mm):		25.00	Thickness (mm):	2.00 ±0.2
Parallelism (arcmin):		3.00	Dimensional Tolerance (mm):	+0.0/-0.2
Construction:		Birefringent Polymer Stack		
Optical Properties				
Coating:		R _{avg} <0.5% @ 400 - 700nm		
Substrate:		B270		

Technical Information

Products

Retardance	Retardance Tolerance (nm)	Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Type	Stock Number	Price	Buy
$\lambda/4$	$\pm 10 @ 405$	-	405	25.00	Polymer Waveplate	#91-012	£392.22 Volume Pricing	5 In Stock
$\lambda/4$	$\pm 10 @ 450 - 600$	450 - 600	-	25.00	Polymer Achromatic Waveplate	#88-198	£392.22 Volume Pricing	12 In Stock
$\lambda/4$	$\pm 10 @ 488$	-	488	25.00	Polymer Waveplate	#90-938	£392.22 Volume Pricing	9 In Stock
$\lambda/4$	$\pm 10 @ 532$	-	532	25.00	Polymer Waveplate	#90-939	£392.22 Volume Pricing	8 In Stock
$\lambda/4$	$\pm 10 @ 560$	-	560	25.00	Polymer Waveplate	#90-940	£392.22 Volume Pricing	1 In Stock
$\lambda/4$	$\pm 10 @ 633$	-	633	25.00	Polymer Waveplate	#90-941	£392.22 Volume Pricing	6 In Stock
$\lambda/4$	$\pm 10 @ 650$	-	650	25.00	Polymer Waveplate	#91-014	£392.22 Volume Pricing	5 In Stock
$\lambda/2$	$\pm 10 @ 405$	-	405	25.00	Polymer Waveplate	#91-011	£392.22 Volume Pricing	5 In Stock
$\lambda/2$	$\pm 10 @ 488$	-	488	25.00	Polymer Waveplate	#90-934	£392.22 Volume Pricing	4 In Stock
$\lambda/2$	$\pm 10 @ 532$	-	532	25.00	Polymer Waveplate	#90-935	£392.22 Volume Pricing	5 In Stock
$\lambda/2$	$\pm 10 @ 560$	-	560	25.00	Polymer Waveplate	#90-936	£392.22 Volume Pricing	1 In Stock
$\lambda/2$	$\pm 10 @ 633$	-	633	25.00	Polymer Waveplate	#90-937	£392.22 Volume Pricing	3 In Stock
$\lambda/2$	$\pm 10 @ 650$	-	650	25.00	Polymer Waveplate	#91-013	£392.22 Volume Pricing	1 In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
 Phone: 1-800-363-1992 :
www.edmundoptics.com