

[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	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 450 - 600$	450 - 600	-	25.00	Polymer Achromatic Waveplate	#88-198	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 488$	-	488	25.00	Polymer Waveplate	#90-938	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 532$	-	532	25.00	Polymer Waveplate	#90-939	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 560$	-	560	25.00	Polymer Waveplate	#90-940	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 633$	-	633	25.00	Polymer Waveplate	#90-941	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/4$	$\pm 10 @ 650$	-	650	25.00	Polymer Waveplate	#91-014	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 405$	-	405	25.00	Polymer Waveplate	#91-011	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 488$	-	488	25.00	Polymer Waveplate	#90-934	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 532$	-	532	25.00	Polymer Waveplate	#90-935	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 560$	-	560	25.00	Polymer Waveplate	#90-936	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 633$	-	633	25.00	Polymer Waveplate	#90-937	₹34,877 Qty 6+ ₹27,948	10 to 12 days
$\lambda/2$	$\pm 10 @ 650$	-	650	25.00	Polymer Waveplate	#91-013	₹34,877 Qty 6+ ₹27,948	10 to 12 days



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