

450 - 600nm, $\lambda/4$ Polymer Achromatic Waveplate



Polymer Waveplates (Retarders)

Stock #88-198 5 In Stock

-

1

+

₹34,877

ADD TO CART

Volume Pricing	
Qty 1-5	₹34,877 each
Qty 6-25	₹27,948 each
Qty 26+	₹25,379 each
Need More?	Request Quote

Product Downloads

General	
Polymer Achromatic Waveplate	Type:
Physical & Mechanical Properties	
25.00	Diameter (mm):
2.00 ±0.2	Thickness (mm):

3.00	Parallelism (arcmin):
+0.0/-0.2	Dimensional Tolerance (mm):
Birefringent Polymer Stack	Construction:
Optical Properties	
R _{avg} <0.5% @ 400 - 700nm	Coating:
B270	Substrate: □
λ/4	Retardance:
±10 @ 450 - 600	Retardance Tolerance (nm):
450 - 600	Wavelength Range (nm):
Achromatic	Retardance Order:
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

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

Polymer Waveplates (Retarders) are durable, low-cost alternatives to quartz waveplates that feature a thin birefringent polymer film layered between two glass windows. The waveplates are designed to act as true zero order waveplates, providing stable performance over wavelength shift and wide angles of incidence. Due to their cemented construction and plastic birefringence material, these waveplates, or retarders, are not recommended for high power laser use or for extreme temperature shifts. Polymer Waveplates (Retarders) have either λ/4 and λ/2 retardance. They are offered in 405 to 650nm.

Note: Fast axis is marked on the edge of the glass.