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Wide Angle Waveplates (Retarders)



- Up To $\lambda/250$ Retardance Tolerances Out to 30° AOI
- Near Zero-Order Laminated Polymer Construction
- Ideal for Applications with Wide Acceptance Angles

Common Specifications

Physical & Mechanical Properties			
Clear Aperture CA (mm):	17.8	Diameter (mm):	25.40
Dimensional Tolerance (mm):	+/- 0.13		
Optical Properties			
Angle of Incidence (°):	±30		
Substrate:	Polymer Film on N-BK7	Reflection (%):	0.5
Surface Quality:	60-40	Transmitted Wavefront, RMS:	≤ λ/2 @ 632.8nm
Beam Deviation (arcmin):	≤ 1 arcmin		
Threading & Mounting			
Mount Thickness (mm):		6.35	
Environmental & Durability Factors			
Operating Temperature (°C):		0 - 40	

Technical Information

Products

Dia. (mm)	DWL (nm)	Retardance	Stock Number	Price	Buy
25.40	532	$\lambda/2$	#29-812	£1,707.23	1 In Stock
25.40	532	$\lambda/4$	#29-813	£1,707.23	1 In Stock
25.40	633	$\lambda/2$	#29-814	£1,707.23	1 In Stock
25.40	633	$\lambda/4$	#29-815	£1,707.23	1 In Stock
25.40	1064	$\lambda/2$	#29-816	£1,707.23	1 In Stock
25.40	1064	$\lambda/4$	#29-817	£1,707.23	1 In Stock
25.40	1550	$\lambda/2$	#29-818	£1,707.23	1 In Stock
25.40	1550	$\lambda/4$	#29-819	£1,707.23	1 In Stock



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