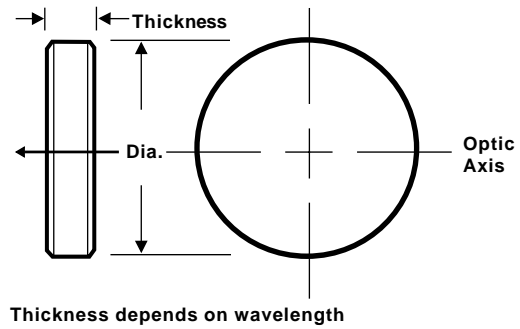


# Polarization Rotators 45°, 90°



## Specifications:

Material . . . . . Crystal quartz  
 Parallelism . . . . . Less than 1.0 arc second  
 Surface Flatness . . . . . 1/10 @ 632.8nm  
 Transmitted Wavefront . . . . . 1/10  
 Surface Quality . . . . . 10/5  
 Rotation Tolerance . . . . . ± 10 minutes  
 Diameter Tolerance . . . . . +.000", -.005"  
 Clear Aperture . . . . . Central 90% of diameter



Wavelength (nm)	Diameter (mm)		
	15 mm	20 mm	30 mm
441.6 nm; 45° rotation	PF441-59	PF441-78	PF441-11
441.6 nm; 90° rotation	PN441-59	PN441-78	PN441-11
488.0 nm; 45° rotation	PF488-59	PF488-78	PF488-11
488.0 nm; 90° rotation	PN488-59	PN488-78	PN488-11
514.5 nm; 45° rotation	PF514-59	PF514-78	PF514-11
514.5 nm; 90° rotation	PN514-59	PN514-78	PN514-11
532.0 nm; 45° rotation	PF532-59	PF532-78	PF532-11
532.0 nm; 90° rotation	PN532-59	PN532-78	PN532-11
632.8 nm; 45° rotation	PF632-59	PF632-78	PF632-11
632.8 nm; 90° rotation	PN632-59	PN632-78	PN632-11
694.3 nm; 45° rotation	PF694-59	PF694-78	PF694-11
694.3 nm; 90° rotation	PN694-59	PN694-78	PN694-11
1064.1 nm; 45° rotation	PF106-59	PF106-78	PF106-11
1064.1 nm; 90° rotation	PN106-59	PN106-78	PN106-11
1319.0 nm; 45° rotation	PF132-59	PF132-78	PF132-11
1319.0 nm; 90° rotation	PN132-59	PN132-78	PN132-11

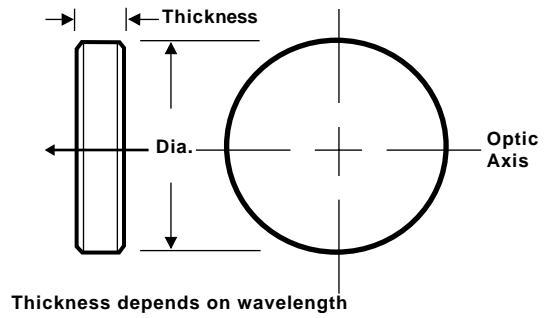
\*For anti-reflection coatings, add AR to the end of the part number.

# Polarization Rotators 45°, 90°



## Specifications:

Material ..... Crystal quartz  
 Parallelism ..... Less than 1.0 arc second  
 Surface Flatness ..... 1/10 @ 632.8nm  
 Transmitted Wavefront ..... 1/10  
 Surface Quality ..... 10/5  
 Rotation Tolerance ..... ± 10 minutes  
 Diameter Tolerance ..... ± .000", -.005"  
 Clear Aperture ..... Central 90% of diameter



Wavelength (nm)	Diameter (Inches)		
	.500"	1.00"	1.50"
441.6 nm; 45° rotation	PF441-50	PF441-10	PF441-15
441.6 nm; 90° rotation	PN441-50	PN441-10	PN441-15
488.0 nm; 45° rotation	PF488-50	PF488-10	PF488-15
488.0 nm; 90° rotation	PN488-50	PN488-10	PN488-15
514.5 nm; 45° rotation	PF514-50	PF514-10	PF514-15
514.5 nm; 90° rotation	PN514-50	PN514-10	PN514-15
532.0 nm; 45° rotation	PF532-50	PF532-10	PF532-15
532.0 nm; 90° rotation	PN532-50	PN532-10	PN532-15
632.8 nm; 45° rotation	PF632-50	PF632-10	PF632-15
632.8 nm; 90° rotation	PN632-50	PN632-10	PN632-15
694.3 nm; 45° rotation	PF694-50	PF694-10	PF694-15
694.3 nm; 90° rotation	PN694-50	PN694-10	PN694-15
1064.1 nm; 45° rotation	PF106-50	PF106-10	PF106-15
1064.1 nm; 90° rotation	PN106-50	PN106-10	PN106-15
1319.0 nm; 45° rotation	PF132-50	PF132-10	PF132-15
1319.0 nm; 90° rotation	PN132-50	PN132-10	PN132-15

\*For anti-reflection coatings, add AR to the end of the part number.