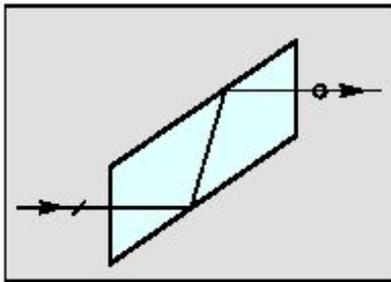
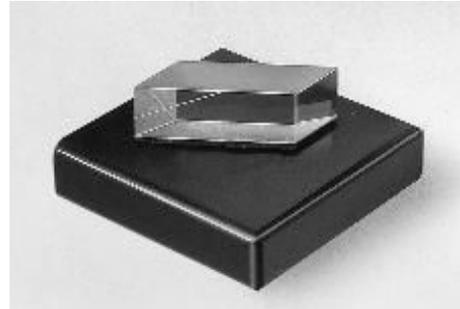


## Broadband Retarders (Fresnel Rhombs)

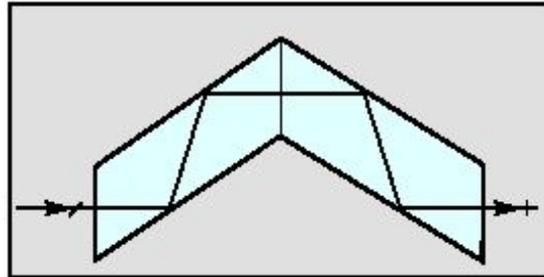
### FRESNEL RHOMES

The most achromatic of all Retarders are the Fresnel Rhombs. We manufacture both 1/4-wave and 1/2-wave models for the ultra-violet and the visible-near IR. Surface quality 10/5 or better, flatness better than 1/10 wave, parallel better than 10 seconds.

MOUNTING CELLS are provided with the Fresnel Rhombs. Both cells have 1/4-20 holes for standard bench post mounting.



1/4 - Wave



1/2 - Wave

$\lambda/4$ -wave* Catalog Number	$\lambda/2$ -wave* Catalog Number	Wavelength	Field of View	Aperture	Material
RFU-1/4UVB	RFU-1/2UVB	240-360 nm	$> \pm 2^\circ$	10 mm	UV Silica
RFU-1/4NUV	RFU-1/2NUV	350-500 nm	$> \pm 2^\circ$	10 mm	UV Silica
RF-1/4VIS	RF-1/2VIS	425-675 nm	$> \pm 2^\circ$	10 mm	Glass
RF-1/4VIR	RF-1/2VIR	550-780 nm	$> \pm 2^\circ$	10 mm	Glass
RF-1/4NIR	RF-1/2NIR	700-950 nm	$> \pm 2^\circ$	10 mm	Glass
RF-1/4IR	RF-1/4IR	1250-1560 nm	$> \pm 2^\circ$	10 mm	Glass

\*value assumes a tolerable phase retardation error of 1%