

Waveplate

Description

Waveplate (retardation plates or phase shifters) are made from materials which exhibit birefringence index, the velocities of the extraordinary and ordinary rays through the birefringent materials vary inversely with their refractive indexes.

Applications

- microscope
- measuring instrument
- optical device

Benefits

- High Damage Threshold
- Wide Wavelength Bandwidth
- Wide Angle Acceptance
- High transmittance
- High accuracy

Products

- Material: Fused Silica
- Optiona Wavelength: 260nm~1800nm
- Size Tolerance: $\pm 0.05 \sim \pm 0.2$
- Flatness: $1/2\lambda$
- Surface Quality: 20/10
- Clear Aperture: $> 90\%$
- Coating: $R < 0.25\%$
- Parallelism: $< 2\text{arcsec}$

