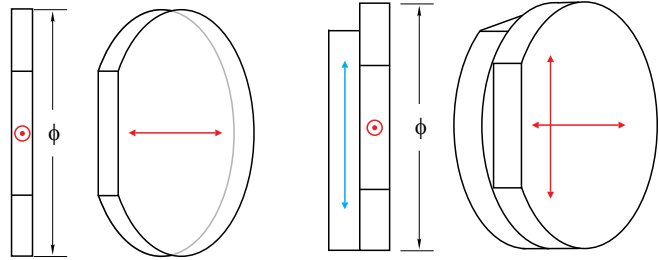


Single Wavelength Waveplate

Applications:

- Projector
- Optical Measurement Systems
- Tunable Lasers



Capability

Attribute	Commercial	High Precision
Typical Material	Quartz	Quartz
Typical Dimension ϕ (mm)	10, 12.7, 20, 25.4	10, 12.7, 20, 25.4
Diameter Tolerance (mm)	+0.00/-0.1	+0.00/-0.03
Retardation Tolerance	<1/300	< λ /500
Parallelism (arc second)	<10	<5
Flatness (per 25mm@632.8nm)	1/8	λ /20
Surface Quality (scratch/dig)	20-10	10-5
Bevel (face width x 45° mm)	0.2~0.5	0.05~0.2
Coating	Wavelength: customer specified, Reference to pages 65-75 Single wavelength AR: R \leq 0.25% per surface Broadband AR: R \leq 0.5% per surface	

