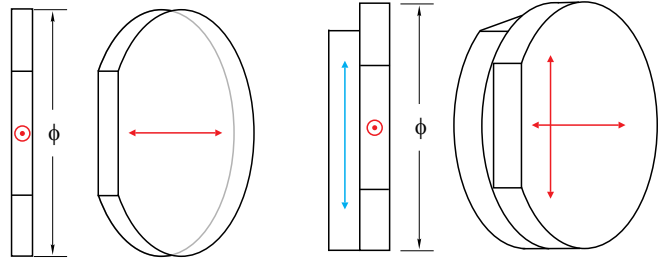


Single Wavelength Waveplate

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 | |

