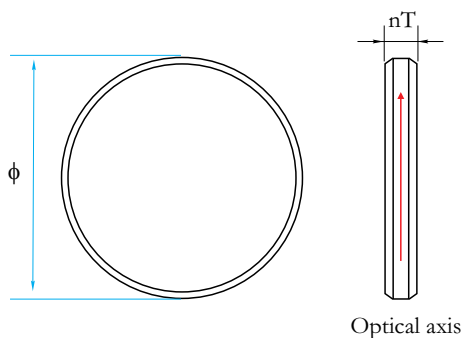


Birefringent Filters

Applications:

- Laser Tuning
- Laser Line Narrowing
- $T = 0.50\text{mm}$



Capability

| Attribute | Commercial | High Precision |
|-------------------------------|---------------------------------------|------------------|
| Typical Material | Quartz | Quartz |
| Typical Dimension ϕ (mm) | 10, 15, 20, 25.4 | 10, 15, 20, 25.4 |
| Diameter Tolerance (mm) | +0.00/-0.2 | +0.00/-0.05 |
| Thickness Tolerance (mm) | +/-0.1 | +/-0.05 |
| Parallelism (arc sec) | <20 | <5 |
| Flatness (per 25mm@632.8nm) | 1/4 | $\lambda/20$ |
| Surface Quality (scratch/dig) | 60-40 | 10-5 |
| Bevel (face width x 45° mm) | 0.2~0.5 | 0.05~0.2 |
| Coating | Specified by user for VAR or DAR type | |

