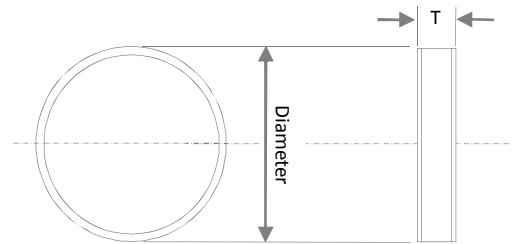


### General Specifications

Substrate Material	: UV grade CaF2 / UV grade FS / BK7
Surface Quality	: 20-10 laser quality
Diameter Tolerance	: +0.00mm/-0.25mm
Thickness Tolerance	: ±0.25mm
Wedge	: ≤10sec. / ≤5min. / ≤30min.
Chamfer	: 0.35mm at 45° typical
Clear Aperture	: Exceeds central 85% of diameter
Damage Threshold	: 10J/cm <sup>2</sup> , 20ns, 20Hz at 1064nm

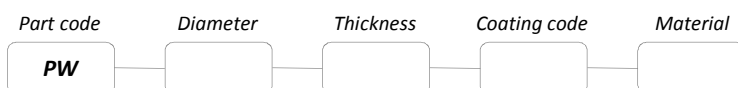


### Model specifications

Part Numbers	Diameter (mm)	Thickness (mm)
PW-10-2-λ-M	10.0	2.0
PW-10-3-λ-M	10.0	3.2
PW-10-5-λ-M	10.0	5.0
PW-13-2-λ-M	12.7	2.0
PW-13-3-λ-M	12.7	3.2
PW-13-5-λ-M	12.7	5.0
PW-15-2-λ-M	15.0	2.0
PW-15-3-λ-M	15.0	3.2
PW-15-5-λ-M	15.0	5.0
PW-19-2-λ-M	19.0	2.0
PW-19-3-λ-M	19.0	3.2
PW-19-5-λ-M	19.0	5.0
PW-25-2-λ-M	25.4	2.0
PW-25-3-λ-M	25.4	3.2
PW-25-5-λ-M	25.4	5.0
PW-30-2-λ-M	30.0	2.0
PW-30-3-λ-M	30.0	3.2
PW-30-5-λ-M	30.0	5.0
PW-38-2-λ-M	38.1	2.0
PW-38-3-λ-M	38.1	3.2
PW-38-5-λ-M	38.1	5.0
PW-51-2-λ-M	50.8	2.0
PW-51-3-λ-M	50.8	3.2
PW-51-5-λ-M	50.8	5.0

\*λ : wavelength | M : material

### Order/Product Nomenclature



Order example : PW-25-3-UVIS-UV  
 : PW-13-2-1064/532-BK

### Wavelengths for standard AR coatings

#### Laser line

Wavelength (nm)	Material
193	UV Grade FS/UV Grade CaF2
248	UV Grade FS/UV Grade CaF2
266	UV Grade FS/UV Grade CaF2
308	UV Grade FS
355	UV Grade FS/UV Grade CaF2
532	UV Grade FS/BK7
633	BK7
780	BK7
830	BK7
1064	UV Grade FS/BK7
1550	BK7

#### Broadband

Wavelength Range (nm)	Wavelength Code	Material
248-355	UV	UV Grade FS/UV Grade CaF2
355-532	UVIS	UV grade FS
425-675	VIS	UV Grade FS/BK7
670-1064	NIR1	UV Grade FS/BK7
1050-1600	NIR2	UV Grade FS/BK7

#### Material code

UVG CaF2	UVG FS	BK7
VC	UV	BK