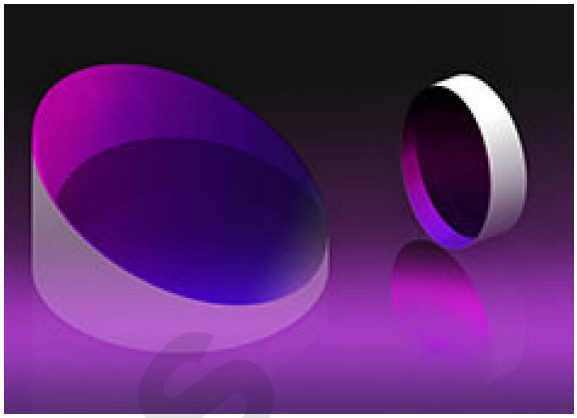
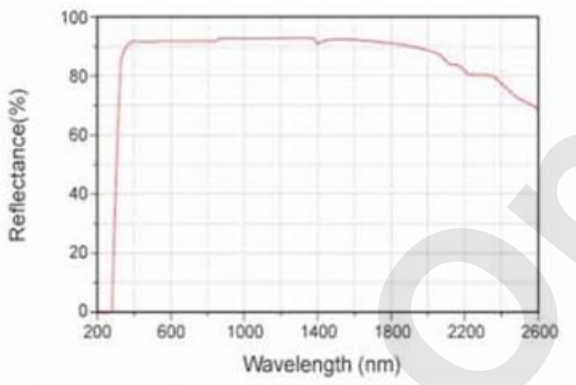
K9 Wedge Windows

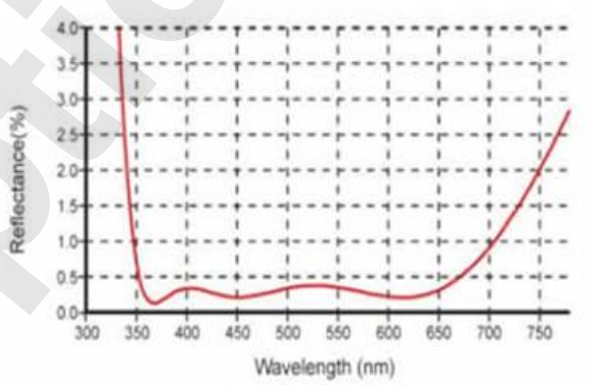
The high-precision Wedge Windows can avoid the etalon effect caused by the light reflected on the front and rear surfaces of the high-parallel Windows, and at the same time, it can also avoid interference with reflected beam, which causes power frustration and modes jumping.

- **Material**: H-K9L
- **Surface Figure:** λ/10@633nm
- **Wedge Angle:** 30’ ±10’
- **Surface Quality:** 40-20 Scratch and Dig
- **Diameter Tolerance:** +0.0/-0.1 mm
- **Thickness Tolerance:** ±0.2mm
- **Chamfer:** Protective chamfer 0.2~0.5mmX45º
- **Coating:** see product list

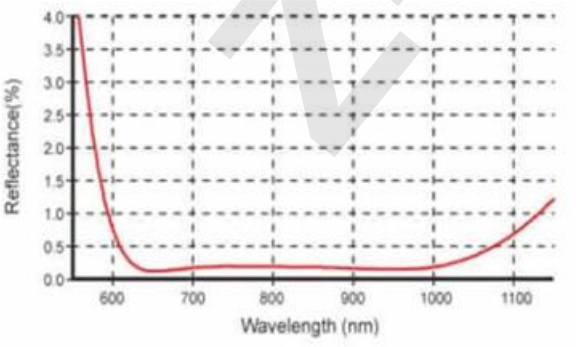




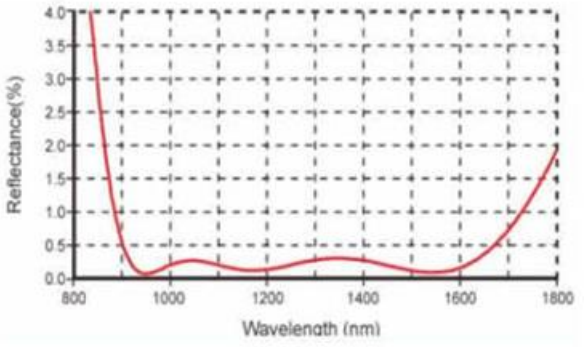
H-K9L Transmittance @10mm thickness



VIS coating@350~700nm



NIR coating@600~1100nm



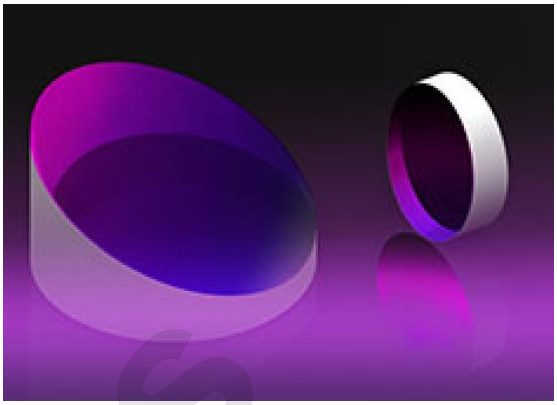
SWIR coating@900~1700nm

TOP

K9 Wedge Windows

The high-precision Wedge Windows can avoid the etalon effect caused by the light reflected on the front and rear surfaces of the high-parallel Windows, and at the same time, it can also avoid interference with reflected beam, which causes power frustration and modes jumping.

- **Material**: H-K9L
- **Surface Figure:** λ/10@633nm
- **Wedge Angle:** 30’ ±10’
- **Surface Quality:** 40-20 Scratch and Dig
- **Diameter Tolerance:** +0.0/-0.1 mm
- **Thickness Tolerance:** ±0.2mm
- **Chamfer:** Protective chamfer 0.2~0.5mmX45º
- **Coating:** see product list



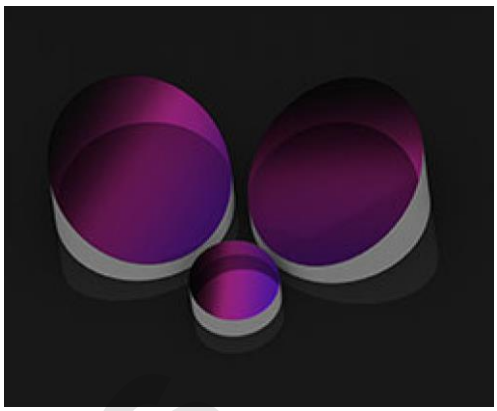
Diameter (mm)	Thickness (mm)	No Coating	AR@350~700nm	AR@600~1100nm	AR@900~1700nm
		Part No	Part No	Part No	Part No
12.5	3	WIN0125-030	WIN0125-030-VIS	WIN0125-030-NIR	WIN0125-030-SWIR
12.7	3	WIN0127-030	WIN0127-030-VIS	WIN0127-030-NIR	WIN0127-030-SWIR
25	6	WIN0250-060	WIN0250-060-VIS	WIN0250-060-NIR	WIN0250-060-SWIR
25.4	6	WIN0254-060	WIN0254-060-VIS	WIN0254-060-NIR	WIN0254-060-SWIR
38.1	10	WIN0381-100	WIN0381-100-VIS	WIN0381-100-NIR	WIN0381-100-SWIR
50	10	WIN0500-100	WIN0500-100-VIS	WIN0500-100-NIR	WIN0500-100-SWIR
50.8	10	WIN0508-100	WIN0508-100-VIS	WIN0508-100-NIR	WIN0508-100-SWIR

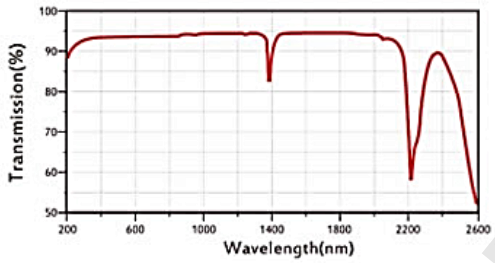
Unless otherwise specified, all dimensions are in mm

Fused Silica Wedge Windows

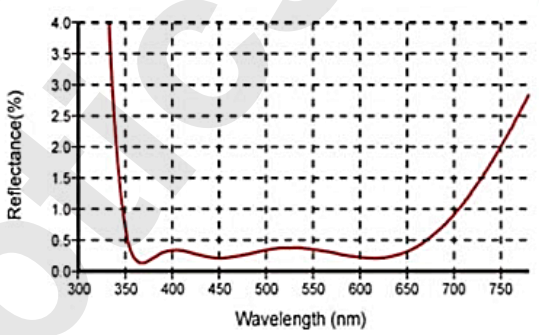
The high-precision Wedge Windows can avoid the etalon effect caused by the light reflected on the front and rear surfaces of the high-parallel Windows, and at the same time, it can also avoid interference with reflected beam, which causes power frustration and modes jumping.

- **Material:** Fused Silica
- **Surface Figure:** λ/10@633nm
- **Wedge Angle:** 30’ ±10’
- **Surface Quality:** 40-20 Scratch and Dig
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** ±0.2mm
- **Chamfer:** Protective chamfer 0.2~0.5mmX45º
- **Coating:** see product list

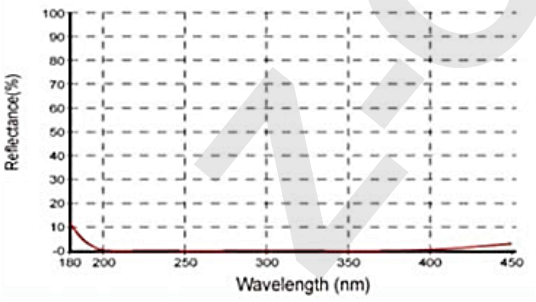




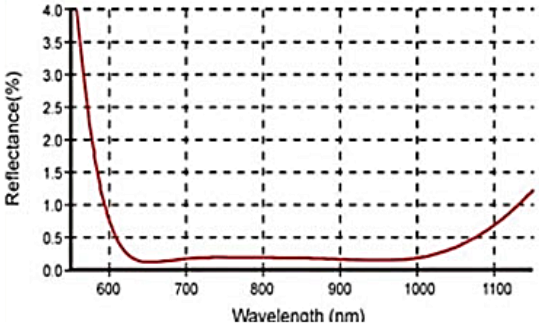
UV Fused Silica Transmission @10mm thickness



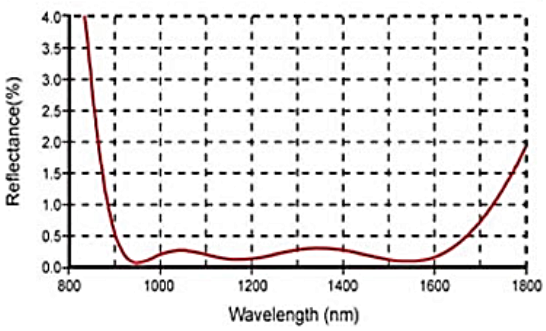
VIS coating@350~700nm



UV coating @250~400nm



NIR Coating @ 600~1100nm

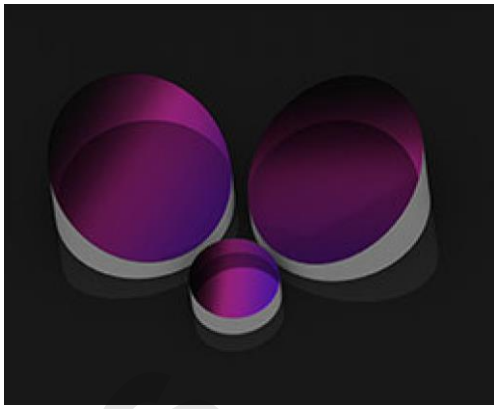


SWIR coating @900~1700nm

Fused Silica Wedge Windows

The high-precision Wedge Windows can avoid the etalon effect caused by the light reflected on the front and rear surfaces of the high-parallel Windows, and at the same time, it can also avoid interference with reflected beam, which causes power frustration and modes jumping.

- **Material:** Fused Silica
- **Surface Figure:** λ/10@633nm
- **Wedge Angle:** 30’ ±10’
- **Surface Quality:** 40-20 Scratch and Dig
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** ±0.2mm
- **Chamfer:** Protective chamfer 0.2~0.5mmX45º
- **Coating:** see product list



Diameter (mm)	Thickness (mm)	No Coating	AR@250~425nm	AR@350~700nm	AR@600~1100nm	AR@900~1700nm
		Part No	Part No	Part No	Part No	Part No
12.5	3	WIN0125-030	WIN0125-030-FS-UV	WIN0125-030-FS-VIS	WIN0125-030-FS-NIR	WIN0125-030-FS-SWIR
12.7	3	WIN0127-030	WIN0127-030-FS-UV	WIN0127-030-FS-VIS	WIN0127-030-FS-NIR	WIN0127-030-FS-SWIR
25	6	WIN0250-060	WIN0250-060-FS-UV	WIN0250-060-FS-VIS	WIN0250-060-FS-NIR	WIN0250-060-FS-SWIR
25.4	6	WIN0254-060	WIN0254-060-FS-UV	WIN0254-060-FS-VIS	WIN0254-060-FS-NIR	WIN0254-060-FS-SWIR
38.1	10	WIN0381-100	WIN0381-100-FS-UV	WIN0381-100-FS-VIS	WIN0381-100-FS-NIR	WIN0381-100-FS-SWIR
50	10	WIN0500-100	WIN0500-100-FS-UV	WIN0500-100-FS-VIS	WIN0500-100-FS-NIR	WIN0500-100-FS-SWIR
50.8	10	WIN0508-100	WIN0508-100-FS-UV	WIN0508-100-FS-VIS	WIN0508-100-FS-NIR	WIN0508-100-FS-SWIR

Unless otherwise specified, all dimensions are in mm

TOP