



WEDGES

Wedges are useful for applications where coherent light is used. The incline between the two surfaces of a wedge reduces the unwanted interference effects that can occur in plane parallel windows.

Barium Fluoride (BaF₂)

Dia tolerance $+0, -0.005''$ ($+0, -0.13\text{mm}$) Angle 30 ± 15 min
Th tolerance $\pm 0.005''$ ($\pm 0.13\text{mm}$) Flatness 2 waves at 633 nm
Clear Aperture 85% Surface Finish 60/40

CAT #	DIAMETER		CENTER THICKNESS	
	in	mm	in	mm
BF-WW-12-2	0.5	12.7	0.079	2.0
BF-WW-25-4	1.0	25.4	0.157	4.0
BF-WW-38-5	1.5	38.1	0.197	5.0
BF-WW-50-6	2.0	50.8	0.236	6.0

Calcium Fluoride (CaF₂)

Dia tolerance $+0, -0.005''$ ($+0, -0.13\text{mm}$) Angle 30 ± 15 min
Th tolerance $\pm 0.005''$ ($\pm 0.13\text{mm}$) Flatness 2 waves at 633 nm
Clear Aperture 85% Surface Finish 60/40

CAT #	DIAMETER		CENTER THICKNESS	
	in	mm	in	mm
CF-WW-12-2	0.5	12.7	0.079	2.0
CF-WW-25-4	1.0	25.4	0.157	4.0
CF-WW-38-5	1.5	38.1	0.197	5.0
CF-WW-50-6	2.0	50.8	0.236	6.0

Custom sizes and specifications are available