

Calcium Fluoride (CaF₂)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	±0.008" (±0.2 mm)
Design Wavelength	5.0 microns
Focal Length Tolerance	±2%
Surface Quality	60/40
Clear Aperture	90% Central Diameter
Wedge Angle	< 3 arc min
Surface Irregularity	1 λ at 633 nm

CAT #	DIA, in	DIA, mm	FOC, mm	CT, mm	R, mm	ET, mm
CF-BX-12-12	0.5	12.7	12.7	6.7	9.078	1.5
CF-BX-12-25	0.5	12.7	25.4	3.6	19.770	1.5
CF-BX-12-50	0.5	12.7	50.8	2.5	40.090	1.5
CF-BX-12-76	0.5	12.7	76.2	2.2	60.530	1.5
CF-BX-25-25	1.0	25.4	25.4	12.2	18.365	2.0
CF-BX-25-50	1.0	25.4	50.8	6.2	39.610	2.0
CF-BX-25-63	1.0	25.4	63.5	5.3	49.890	2.0
CF-BX-25-76	1.0	25.4	76.2	4.7	60.120	2.0
CF-BX-25-100	1.0	25.4	100.0	4.1	79.070	2.0
CF-BX-25-150	1.0	25.4	150.0	3.4	119.12	2.0
CF-BX-38-38	1.5	38.1	38.1	17.7	27.610	2.5
CF-BX-38-50	1.5	38.1	50.8	12.5	38.640	2.5
CF-BX-38-63	1.5	38.1	63.5	10.2	49.090	2.5
CF-BX-38-76	1.5	38.1	76.2	8.8	59.430	2.5
CF-BX-38-100	1.5	38.1	100	7.2	78.890	2.5
CF-BX-38-150	1.5	38.1	150	5.6	118.85	2.5
CF-BX-50-50	2.0	50.8	50.8	23.3	36.900	3.0
CF-BX-50-76	2.0	50.8	76.2	14.6	58.730	3.0
CF-BX-50-100	2.0	50.8	100	11.5	78.125	3.0
CF-BX-50-150	2.0	50.8	150	8.5	118.58	3.0
CF-BX-50-200	2.0	50.8	200	7.1	158.49	3.0
CF-BX-50-250	2.0	50.8	250	6.3	199.07	3.0
CF-BX-50-500	2.0	50.8	500	4.6	398.10	3.0
CF-BX-76-150	3.0	76.2	150	15.7	117.22	3.0
CF-BX-76-200	3.0	76.2	200	12.3	157.76	3.0
CF-BX-76-250	3.0	76.2	250	10.4	197.70	3.0
CF-BX-76-500	3.0	76.2	500	6.7	398.10	3.0

Custom sizes and specifications are available