

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-PX-12-25	0.5	12.7	25	4.3	10.000	2.0
CF-PX-12-50	0.5	12.7	50	3.0	20.000	2.0
CF-PX-12-75	0.5	12.7	75	2.7	29.99	2.0
CF-PX-25-50	1.0	25.4	50	6.4	20.000	2.0
CF-PX-25-63	1.0	25.4	63	5.4	25.100	2.0
CF-PX-25-75	1.0	25.4	75	4.8	29.990	2.0
CF-PX-25-100	1.0	25.4	100	4.1	39.990	2.0
CF-PX-25-150	1.0	25.4	150	3.4	59.980	2.0
CF-PX-25-200	1.0	25.4	200	3.0	79.980	2.0
CF-PX-25-250	1.0	25.4	250	2.8	100.000	2.0
CF-PX-25-500	1.0	25.4	500	2.4	199.990	2.0
CF-PX-25-1000	1.0	25.4	1000	2.2	399.900	2.0
CF-PX-25-2000	1.0	25.4	2000	2.1	799.800	2.0
CF-PX-38-50	1.5	38.1	50	16.0	20.000	2.0
CF-PX-38-63	1.5	38.1	63	10.7	25.100	2.0
CF-PX-38-75	1.5	38.1	75	8.9	29.990	2.0
CF-PX-38-100	1.5	38.1	100	6.8	39.990	2.0
CF-PX-38-150	1.5	38.1	150	5.0	59.980	2.0
CF-PX-38-200	1.5	38.1	200	4.3	79.980	2.0
CF-PX-38-250	1.5	38.1	250	3.8	100.000	2.0
CF-PX-38-500	1.5	38.1	500	2.9	199.990	2.0
CF-PX-38-1000	1.5	38.1	1000	2.5	399.900	2.0
CF-PX-38-2000	1.5	38.1	2000	2.2	799.800	2.0
CF-PX-50-75	2.0	50.8	75	16.5	29.990	2.5
CF-PX-50-100	2.0	50.8	100	11.6	39.990	2.5
CF-PX-50-150	2.0	50.8	150	8.1	59.980	2.5
CF-PX-50-200	2.0	50.8	200	6.6	79.980	2.5
CF-PX-50-250	2.0	50.8	250	5.8	100.000	2.5
CF-PX-50-500	2.0	50.8	500	4.1	199.990	2.5
CF-PX-50-1000	2.0	50.8	1000	3.3	399.900	2.5
CF-PX-50-2000	2.0	50.8	2000	2.9	799.800	2.5
CF-PX-76-150	3.0	76.2	150	16.6	59.980	3.0
CF-PX-76-200	3.0	76.2	200	12.7	79.980	3.0
CF-PX-76-250	3.0	76.2	250	10.5	100.000	3.0
CF-PX-76-500	3.0	76.2	500	6.7	199.990	3.0
CF-PX-76-1000	3.0	76.2	1000	4.8	399.900	3.0
CF-PX-76-2000	3.0	76.2	2000	4.0	799.800	3.0

Custom sizes and specifications are available