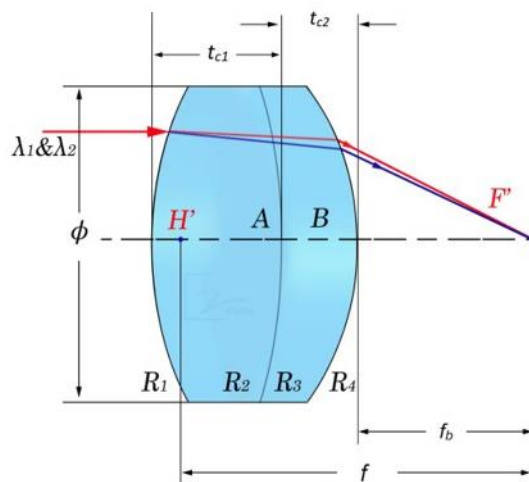


Achromatic Positive Lens



Part Number	Diameter (mm)	Focal Length (f mm)	Back Focal Length (fb mm)	Center Thickness (Tc mm)	Edge Thickness (Te mm)	Material
LEN5030-004-ZBAF52/ZF7LA	3.0	4	2.5	2.9	2.32	H-ZBAF52/H-ZF7LA
LEN5040-005-ZBAF52/ZF7LA	4.0	5	3.1	3.6	2.77	H-ZBAF52/H-ZF7LA
LEN5040-6R3-Bak2/SF15	4.0	6.3	4.8	3.6	2.78	Bak2/SF15
LEN5050-7R6-BAF10/SF6HT	5.0	7.6	5.2	4.5	3.7	N-BAF10/N-SF6HT
LEN5050-010-BAK4/SF5	5.0	10	7.9	4.4	3.7	N-BAK4/SF5
LEN5050-015-BK7/SF2	5.0	15	13.6	4.8	4.3	N-BK7/SF2
LEN5050-075-BAF10/SF6HT	5.0	75	4.8	4.6	3.8	N-BAF10/N-SF6HT
LEN5050-010-LAK22/SF6HT	5.0	10	8	3.8	3.2	N-LAK22/N-SF6HT
LEN5050-015-LAK22/SF6HT	5.0	15	13	4	3.6	N-LAK22/N-SF6HT
LEN5050-7R5-LAK22/SF6HT	5.0	7.5	5.2	4	3.1	N-LAK22/N-SF6HT
LEN5050-015-BAF10/SF6HT	5.0	15	11.6	3.3	2.9	N-BAF10/N-SF6HT
LEN5060-010-BAK4/SF5	6.0	10	7.9	4	3	N-BAK4/SF5
LEN5060-010-BAF10/SF6HT	6.0	10	6.7	6.5	4.9	N-BAF10/N-SF6HT
LEN5060-010-LAK22/SF6HT	6.0	10	8.1	4	3.1	N-LAK22/N-SF6HT
LEN5063-008-ZBAF52/ZF7LA	6.3	8	4.99	5.7	4.42	H-ZBAF52/H-ZF7LA
LEN5063-010-Bak2/SF15	6.3	10	7.58	5.69	4.41	Bak2/SF15
LEN5063-12R5-Bak2/SF15	6.3	12.5	10.48	4.44	3.47	Bak2/SF15
LEN5063-016-Bak2/SF15	6.3	16	14.17	4	3.26	Bak2/SF15
LEN5063-025-BK7/SF12	6.3	25	23.4	3.63	3.15	BK7/SF12
LEN5063-040-BK7/SF12	6.3	40	38.57	3.31	3.01	BK7/SF12
LEN5063-12R7-BAK4/SF5	6.4	12.7	10.3	4	3.1	N-BAK4/SF5
LEN5063-015-BK7/SF2	6.4	15	13	4	3.2	N-BK7/SF2
LEN5064-12R7-LAK22/SF6HT	6.4	12.7	10.7	3.9	3.1	N-LAK22/N-SF6HT
LEN5064-015-LAK22/SF6HT	6.4	15	13.1	3.9	3.2	N-LAK22/N-SF6HT
LEN5080-016-Bak2/SF15	8.0	16	13.78	5.1	3.89	Bak2/SF15
LEN5080-020-BK7/SF2	8.0	20	17.8	4	3	N-BK7/SF2
LEN5080-010-LAK10/SF6HT	8.0	10	7	5.8	4.4	N-LAK10/N-SF6HT
LEN5080-016-LAK22/SF6HT	8.0	16	14	4	3	N-LAK22/N-SF6HT
LEN5080-020-LAK22/SF6HT	8.0	20	18.2	3.6	2.8	N-LAK22/N-SF6HT
LEN5080-010-BAF10/SF6HT	8.0	10	7.1	5.5	3.9	N-BAF10/N-SF6HT
LEN5100-016-ZBAF52/ZF7LA	10.0	16	12.6	6.3	4.79	H-ZBAF52/H-ZF7LA
LEN5100-020-Bak2/SF15	10.0	20	17.22	6.37	4.86	Bak2/SF15
LEN5100-025-Bak2/SF15	10.0	25	22.91	4.54	3.37	Bak2/SF15
LEN5100-040-BK7/SF12	10.0	40	38.06	4.29	3.54	N-BK7/SF12
LEN5100-063-BK7/SF12	10.0	63	61.26	4.02	3.55	N-BK7/SF12
LEN5125-31R5-Bak2/SF15	12.5	31.5	28.86	5.74	4.28	Bak2/SF15
LEN5127-019-BAF10/SF6HT	12.7	19	15.7	6	4	N-BAF10/N-SF6HT
LEN5127-025-BAF10/SF10	12.7	25	21.5	7	5.6	N-BAF10/SF10
LEN5127-030-BK7/SF2	12.7	30	27.5	5	3.4	N-BK7/SF2
LEN5127-050-BK7/SF2	12.7	50	47.2	5	4	N-BK7/SF2

Achromatic Positive Lens

Part Number	Diameter (mm)	Focal Length (f mm)	Back Focal Length (fb mm)	Center Thickness (Tc mm)	Edge Thickness (Te mm)	Material
LEN5127-075-BK7/SF2	12.7	75	72.9	4	3.4	N-BK7/SF2
LEN5127-025-LAK22/SFEHT	12.7	25	21.1	7	5.4	N-LAK22/N-SFEHT
LEN5127-030-LAK22/SF6HT	12.7	30	27.3	5	3.7	N-LAK22/N-SF6HT
LEN5127-050-BAF10/SF6HT	12.7	50	46.2	5	4.2	N-BAF10/N-SF6HT
LEN5127-075-BAF10/SF6HT	12.7	75	72	4	3.6	N-BAF10/N-SF6HT
LEN5127-019-LAK22/SF6HT	12.7	19	15.5	6.5	4.3	N-LAK22/N-SF6HT
LEN5127-025-LAK22/SF6HT	12.7	25	20.3	6.2	4.5	N-LAK22/N-SF6HT
LEN5150-050-BAK2/SF15	15.0	50	47.86	4.7	3.4	BAK2/SF15
LEN5160-025-ZBAF52/ZF7LA	16.0	25	19.88	9.4	6.94	H-ZBAF52/H-ZF7LA
LEN5160-31R5-Bak2/SF15	16.0	31.5	27.82	7.71	5.28	Bak2/SF15
LEN5160-040-Bak2/SF15	16.0	40	36.65	7.29	5.41	Bak2/SF15
LEN5160-050-Bak2/SF15	16.0	50	47.37	5.6	4.12	Bak2/SF15
LEN5160-063-BK7/SF12	16.0	63	60.47	5.26	4.04	BK7/SF12
LEN5160-100-BK7/SF12	16.0	100	97.53	5.32	4.55	BK7/SF12
LEN5200-063-Bak2/SF15	20.0	63	59.69	7.05	5.21	Bak2/SF15
LEN5200-060-Bak2/SF15	20.0	60	77.4	5.58	4.14	Bak2/SF15
LEN5250-040-ZBAF52/ZF7LA	25.0	40	34.42	10.5	6.85	H-ZBAF52/H-ZF7LA
LEN5250-050-Bak2/SF15	25.0	50	45.12	10.3	6.61	Bak2/SF15
LEN5250-063-Bak2/SF15	25.0	63	58.65	9.21	6.32	Bak2/SF15
LEN5250-060-Bak2/SF15	25.0	60	76.3	7.7	5.44	Bak2/SF15
LEN5250-100-Bak2/SF15	25.0	100	96.75	6.98	5.18	Bak2/SF15
LEN5250-125-Bak2/SF15	25.0	125	122.29	5.74	4.31	Bak2/SF15
LEN5250-160-BK7/SF12	25.0	160	157.53	4.9	3.74	BK7/SF12
LEN5250-200-BK7/SF12	25.0	200	197.14	5.66	4.73	BK7/SF12
LEN5250-250-BK7/SF12	25.0	250	247.77	4.22	3.48	BK7/SF12
LEN5250-315-BK7/SF12	25.0	315	312.33	5.01	4.42	BK7/SF12
LEN5250-400-BK7/SF12	25.0	400	397.31	4.8	4.34	BK7/SF12
LEN5250-500-BK7/SF12	25.0	500	497.05	4.64	4.27	BK7/SF12
LEN5254-030-BAF10/SF6HT	25.4	30	22.9	14	8.8	N-BAF10/N-SF6HT
LEN5254-035-BAF10/SF6EHT	25.4	35	27.3	14	9.6	N-BAF10/N-SF6EHT
LEN5254-035-BAF10/SF6HT	25.4	35	28.4	12	7	N-BAF10/N-SF6HT
LEN5254-040-BAF10/SF6HT	25.4	40	32.8	12.5	8.6	N-BAF10/N-SF6HT
LEN5254-045-LAK22/SF6HT	25.4	45	39.6	9.4	5.9	N-LAK22/N-SF6HT
LEN5254-050-LAK22/SF6HT	25.4	50	45	9.3	6.2	N-LAK22/N-SF6HT
LEN5254-060-LAK22/SF6HT	25.4	60	55.8	7.7	5.1	N-LAK22/N-SF6HT
LEN5254-075-BAF10/SF6HT	25.4	75	69.9	6.6	4.5	N-BAF10/N-SF6HT
LEN5254-080-BAF10/SF6HT	25.4	80	73.5	8.6	6.4	N-BAF10/N-SF6HT
LEN5254-100-LAK22/SF6HT	25.4	100	97.1	5.5	4	N-LAK22/N-SF6HT
LEN5254-125-BK7/SF8	25.4	125	116.4	12	10	N-BK7/N-SF8
LEN5254-150-LAK22/SF6HT	25.4	150	144.6	7.5	6.5	N-LAK22/N-SF6HT
LEN5254-200-LAK22/SF10	25.4	200	194.6	3	7.3	N-LAK22/SF10
LEN5254-250-SF5/SF6HT	25.4	250	237.5	5.5	47	SF5/N-SF6HT
LEN5254-300-SF5/SF6HT	25.4	300	290	6	5.3	SF5/N-SF6HT
LEN5254-400-SF5/SF6HT	25.4	400	391.1	5.3	45	SF5/N-SF6HT
LEN5254-500-SF10/SF6HT	25.4	500	480.8	6	5.6	SF10/N-SF6HT
LEN5254-040-LAK22/SF6HT	25.4	40	32.8	11.8	7.7	N-LAK22/N-SF6HT
LEN5254-100-BAF10/SF6HT	25.4	100	90.4	8.3	6.6	N-BAF10/N-SF6HT
LEN5254-125-LAK22/SF6HT	25.4	125	115.35	8	6.5	N-LAK22/N-SF6HT
LEN5254-150-BAF10/SF6HT	25.4	150	140.8	7.5	6.3	N-BAF10/N-SF6HT
LEN5254-200-LAK22/SF6HT	25.4	200	193.1	7	6.1	N-LAK22/N-SF6HT
LEN5254-250-SF2/SF6HT	25.4	250	235.2	7	6	SF2/N-SF6HT
LEN5254-300-SF2/SF6HT	25.4	300	285.8	7	6.2	SF2/N-SF6HT
LEN5254-400-SF2/SF6HT	25.4	400	386.7	6.7	6.1	SF2/N-SF6HT
LEN5254-500-SF2/SF6HT	25.4	500	486.7	5.5	5	SF2/N-SF6HT
LEN5254-040-BK7/SF5	25.4	40	33.4	12.5	7.4	N-BK7/SF5
LEN5254-045-BAF10/SF6HT	25.4	45	40.2	9	5.7	N-BAF10/N-SF6HT
LEN5254-050-BAF10/SF10	25.4	50	43.4	11.5	8.7	N-BAF10/SF10
LEN5254-060-BAF11/FD10	25.4	60	54.3	10.5	8.2	E-BAF11/FD10
LEN5254-075-BK7/SF5	25.4	75	70.3	9.5	6.9	N-BK7/SF5

Achromatic Positive Lens

Part Number	Diameter (mm)	Focal Length (f mm)	Back Focal Length (fb mm)	Center Thickness (Tc mm)	Edge Thickness (Te mm)	Material
LEN5254-080-BK7/SF5	25.4	80	75.3	10	7.3	N-BK7/N-SF5
LEN5254-100-BK7/SF5	25.4	100	97.1	6.5	4.7	N-BK7/SF5
LEN5254-125-BK7/SF5	25.4	125	122	6.8	5	N-BK7/N-SF5
LEN5254-150-BK7/SF5	25.4	150	146.1	7.9	6.6	N-BK7/SF5
LEN5254-200-SSK5/LAFN7	25.4	200	194	6.5	5.7	N-SSK5/LAFN7
LEN5254-250-BK7/SF2	25.4	250	246.7	6	5.2	N-BK7/SF2
LEN5254-300-BK7/SF2	25.4	300	297	6	5.4	N-BK7/SF2
LEN5254-400-BK7/SF2	25.4	400	396	6	5.5	N-BK7/SF2
LEN5254-500-BK7/SF2	25.4	500	499.9	6	5.6	N-BK7/SF2
LEN5300-050-BAF10/SF6HT	30.0	50	42.9	11.5	7.2	N-BAF10/N-SF6HT
LEN5300-060-BAF10/SF6HT	30.0	80	75.3	8.5	5.8	N-BAF10/N-SF6HT
LEN5300-100-BAF10/SF6HT	30.0	100	94	8	5.9	N-BAF10/N-SF6HT
LEN5300-050-BAF10/SF6EHT	30.0	50	44.7	12	7.7	N-BAF10/N-SF6HT
LEN5300-080-BAF10/SF6HT	30.0	80	74.3	10.5	4	N-BAF10/N-SF6HT
LEN5315-160-Bak2/SF15	31.5	160	156.54	7.34	5.56	Bak2/SF15
LEN5315-200-BK7/SF12	31.5	200	196.9	6.11	4.63	BK7/SF12
LEN5350-200-BK7/F2	35.0	200	200.68	10.6	8.81	BK7/F2
LEN5400-063-ZBAF52/ZF7LA	40.0	63	53.68	16.5	10.51	H-ZBAF52/H-ZF7LA
LEN5400-100-Bak2/SF15	40.0	100	94.19	11.84	7.19	Bak2/SF15
LEN5400-160-Bak2/SF15	40.0	160	155.51	9.24	6.37	Bak2/SF15
LEN5400-250-BK7/SF12	40.0	250	246.13	7.64	5.73	BK7/SF12
LEN5400-400-BK7/SF12	40.0	400	397.17	5.92	4.73	BK7/SF12
LEN5400-500-BK7/SF5	40.0	500	495.28	10	9.04	BK7/N-SF5
LEN5400-750-BK7/SF5	40.0	750	744.12	8	7.36	BK7/N-SF5
LEN5500-100-Bak2/SF15	50.0	100	91.97	15.89	8.57	Bak2/SF15
LEN5500-160-Bak2/SF15	50.0	160	151.92	12.37	7.86	Bak2/SF15
LEN5500-250-Bak2/SF15	50.0	250	245.23	9.56	6.7	Bak2/SF15
LEN5500-400-BK7/F2	50.0	400	395.55	8.56	6.7	BK7/F2
LEN5500-630-BK7/SF12	50.0	630	626.46	6.3	6.12	BK7/SF12
LEN5508-075-BAF11/SF11	50.8	75	65.7	17	9.2	E-BAF11/N-SF11
LEN5508-080-BAF10/SF6HT	50.8	80	69.5	18	10.3	N-BAF10/N-SF6HT
LEN5508-100-BAF10/SF10	50.8	100	91.5	15	3.7	N-BAF10/SF10
LEN5508-150-BK7/SF5	50.8	150	145.3	13.2	9.3	N-BK7/SF5
LEN5508-200-BK7/SF2	50.8	200	193.2	13.2	10.1	N-BK7/SF2
LEN5508-250-BK7/SF2	50.8	250	243.2	9.2	6.8	N-BK7/SF2
LEN5508-300-BK7/SF2	50.8	300	295.1	9.2	7.2	N-BK7/SF2
LEN5508-400-BK7/SF2	50.8	400	393.6	7.1	5.6	N-BK7/SF2
LEN5508-500-BK7/SF2	50.8	500	497	7.1	5.9	N-BK7/SF2
LEN5508-750-BK7/SF2	50.8	750	744.8	6.7	6	N-BK7/SF2
LEN5508-1000-BK7/SF2	50.8	1000	993.6	7	6.4	N-BK7/SF2
LEN5508-075-BAF10/SF6HT	50.8	75	63	21.5	13.1	N-BAF10/N-SF6HT
LEN5508-060-BAF10/SF6HT	50.8	60	66.9	20.5	12.6	N-BAF10/N-SF6HT
LEN5508-100-BAF10/SF6EHT	50.8	100	83	19.5	12.8	N-BAF10/N-SF6HT
LEN5508-150-LAK22/SF6HT	50.8	150	17.7	23	17.7	N-LAK22/N-SF6HT
LEN5508-200-LAK22/SF6HT	50.8	200	182.7	15	11.4	N-LAK22/N-SF6HT
LEN5508-250-BAF10/SF6HT	50.8	250	234.4	13	10.2	N-BAF10/N-SF6HT
LEN5508-300-BAF10/SF6HT	50.8	300	287.4	11.5	9.1	N-BAF10/N-SF6HT
LEN5508-400-BAF10/SF6HT	50.8	400	391.1	9.5	7.8	N-BAF10/N-SF6HT
LEN5508-500-SF5/SF6HT	50.8	500	474.3	11.8	9.9	SF5/N-SF6HT
LEN5508-750-SF10/SF6HT	50.8	750	711	11.8	10.7	SF10/N-SF6HT
LEN5508-1000-SF5/SF6HT	50.8	1000	990.5	9	8.1	SF5/N-SF6HT
LEN5508-180-BK7/SF5	50.8	180	172.7	14	9.4	N-BK7/N-SF5
LEN5600-145-SK2/SF10	60.0	145	135.52	18.6	12.36	SK2/SF10
LEN5600-200-Bak2/SF15	60.0	200	192.2	15.47	10.28	Bak2/SF15
LEN5600-300-BK7/SF2	60.0	300	295.38	8.5	4.93	BK7/SF2
LEN5630-150-Bak2/SF15	63.0	150	141.25	17.39	9.7	Bak2/SF15
LEN5600-300-BK7/SF2	60	300	295.38	8.5	4.93	BK7/SF2
LEN5630-150-Bak2/SF15	63	150	141.25	17.39	9.7	Bak2/SF15


 TOP

Achromatic Negative Lens

Part Number	Diameter (mm)	Focal Length (f mm)	Back Focal Length (fb mm)	Center Thickness (Tc mm)	Edge Thickness (Te mm)	Material
LEN5125-M025-BK7/F2	12.5	-25	-27.5	5.67	7.42	BK7/F2
LEN5125-M040-BK7/F2	12.5	-40	-42.5	5.34	6.45	BK7/F2
LEN5127-M020-BAF10/SF6HT	12.7	-20	-22.3	4.5	6.3	N-BAF10/N-SF6HT
LEN5127-M025-BAF10/SF6HT	12.7	-25	-27	4	5.4	N-BAF10/N-SF6HT
LEN5127-M030-BAK4/SF5	12.7	-30	-32.2	3.8	5.2	N-BAK4/SF5
LEN5127-M060-BAK4/SF5	12.7	-60	-52.3	3.7	4.6	N-BAK4/SF5
LEN5127-M020-BAF10/SF6HT	12.7	-20	-22.5	4.5	6.4	N-BAF10/N-SF6HT
LEN5127-M025-BAF10/SF6HT	12.7	-25	-27.7	4.3	5.9	N-BAF10/N-SF6HT
LEN5127-M030-LA22/SF6HT	12.7	-30	-32	1	5.3	N-LA22/N-SF6HT
LEN5127-M050-BAF10/SF6HT	12.7	-50	-52.5	3.5	4.3	N-BAF10/N-SF6HT
LEN5250-M030-BAF10/SF10	25.0	-30	-36.12	12	16.54	N-BAF10/N-SF10
LEN5250-M050-BK7/F2	25.0	-50	-53.3	7.22	10.75	BK7/F2
LEN5250-M100-BK7/F2	25.0	-100	-102.6	6.6	8.39	BK7/F2
LEN5250-M150-BK7/SF5	25.0	-150	-152.6	6.56	7.73	BK7/N-SF5
LEN5254-M040-BAF10/SF11	25.4	-40	43.6	7	10.6	N-BAF10/N-SF11
LEN5254-M060-BAF10/SF6HT	25.4	-50	-53.2	6.5	9.4	N-BAF10/N-SF6HT
LEN5254-M075-BAK4/SF5	25.4	-75	-78.8	6.3	8.6	N-BAK4/SF5
LEN5254-M100-BAK4/SF5	25.4	-100	-103.6	6	7	N-BAK4/SF5
LEN5254-M040-BAF10/SF6HT	25.4	-40	-43.4	6	9.8	N-BAF10/N-SF6HT
LEN5254-M050-BAF10/SF6HT	25.4	-50	-53.8	6	9.1	N-BAF10/N-SF6HT
LEN5254-M075-BAF10/SF6HT	25.4	-75	-78.9	5.8	7.9	N-BAF10/N-SF6HT
LEN5254-M100-BAF10/SF6HT	25.4	-100	-103.9	5.4	6.9	N-BAF10/N-SF6HT
LEN5400-M090-BK7/SF5	40.0	-90	-92.84	8	13.37	BK7/N-SF5
LEN5400-M100-BK7/SF5	40.0	-100	-104.3	13.5	15.26	BK7/N-SF5
LEN5400-M150-BK7/SF2	40.0	-150	-151.5	6.75	9.92	BK7/N-SF2
LEN5400-M200-BK7/SF2	40.0	-200	-201.1	5.95	8.34	BK7/N-SF2