

Model	Aspheric Coefficients					Conic Constant
	A04	A06	A08	A10	A12	
KPA10	9.557E-5	-2.610E-7	1.125E-9	-2.999E-12	0.000	-2.364
KPA11	1.167E-4	-2.158E-7	9.596E-10	-2.541E-12	0.000	-1.832
KPA12	1.577E-4	-6.152E-8	8.529E-10	-3.505E-12	0.000	-1.428
KPA13	2.396E-4	6.415E-7	7.686E-9	-6.476E-11	0.000	-1.077
KPA14	0.000	-1.293E-8	-1.932E-10	0.000	0.000	-0.62
KPA15	0.000	2.321E-7	-2.458E-9	0.000	0.000	-0.625
KPA16	1.954E-5	-1.756E-8	2.597E-11	-2.414E-14	0.000	-2.271
KPA17	2.063E-5	-7.649E-9	1.118E-11	-1.010E-14	0.000	-1.608
KPA18	3.417E-5	-6.438E-9	2.324E-11	-3.520E-14	0.000	-1.439
KPA19	2.055E-5	2.630E-8	1.416E-10	-6.624E-13	0.000	-0.753
KPA20	0.000	-1.772E-9	-1.117E-11	0.000	0.000	-0.622
KPA21	0.000	3.056E-8	-1.438E-10	0.000	0.000	-0.625
KPA22	0.000	-4.217E-10	-1.489E-12	0.000	0.000	-0.622
KPA23	0.000	4.927E-9	-1.735E-11	0.000	0.000	-0.632
KPA24	0.000	-1.379E-10	-3.125E-13	0.000	0.000	-0.622
KPA25	0.000	1.615E-9	-3.644E-12	0.000	0.000	-0.632
FSPA10	5.788E-4	-3.163E-6	3.472E-8	-1.019E-10	0.000	-2.077
FSPA11	3.364E-4	-2.147E-6	1.810E-8	-7.026E-11	0.000	-2.659
FSPA12	9.167E-5	-7.166E-8	3.556E-10	-1.041E-13	0.000	-1.661
FSPA13	7.123E-5	-1.069E-7	3.288E-10	-3.774E-13	0.000	-2.050

Model	Diameter (mm)	EFL (mm)	BFL (mm)	Tc (mm)	S1 (mm)	S2 (mm)
KPA10	15.00	22.50	19.98	4.00	13.255	Infinite
KPA11	15.00	18.75	15.92	4.50	11.046	Infinite
KPA12	15.00	15.00	11.54	5.50	8.837	Infinite
KPA13	15.00	11.25	6.85	7.00	6.628	Infinite
KPA14	20.00	20.00	15.19	8.00	12.335	-200.00
KPA15	20.00	15.00	9.12	9.60	9.082	-200.00
KPA16	25.00	37.50	33.72	6.00	22.092	Infinite
KPA17	25.00	31.25	27.16	6.50	18.410	Infinite
KPA18	25.00	25.00	20.28	7.50	14.728	Infinite
KPA19	25.00	18.75	12.46	10.00	11.046	Infinite
KPA20	30.00	30.00	22.97	11.70	18.510	-300.00
KPA21	30.00	22.50	13.68	14.40	13.621	-300.00
KPA22	40.00	40.00	30.69	15.50	24.681	-400.00
KPA23	40.00	30.00	20.54	15.50	18.225	-400.00
KPA24	50.00	50.00	38.34	19.40	30.850	-500.00
KPA25	50.00	37.50	25.66	19.40	22.781	-500.00
FSPA10	15.00	15.00	10.29	7.25	6.877	Infinite
FSPA11	15.00	20.00	15.89	6.00	9.169	Infinite
FSPA12	25.00	25.00	18.32	9.75	11.462	Infinite
FSPA13	25.00	30.00	24.17	8.50	13.754	Infinite