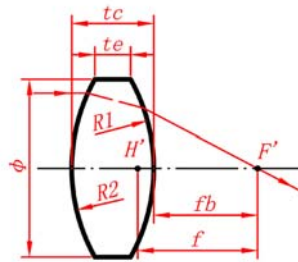


P/N	f	Φ	t_c	t_e	f_b	Material
30161	400.0	50.0	4.5	3.0	397.0	BK7
30162	500.0	50.0	4.2	3.0	497.2	BK7
30163	800.0	50.0	3.8	3.0	797.5	BK7
30164	88.9	50.8	10.60	3.00	81.9	BK7
30165	127.0	50.8	8.0	2.90	121.7	BK7

- Dimension unit: mm
- Other sizes and coatings are available upon request.

Double-Convex Lens



Double-Convex Lenses are most suitable where the conjugates are on opposite sides of the lenses and the ratio of the distances is less than 5:1, e.g. as simple image relay components.

Specifications:

MaterialBK7,UVFS
 Design Wavelength546.1nm
 Design IndexBK7 @1.5183;UVFS @1.46008
 Diameter Tolerance+0.0/-0.15mm
 Paraxial Focal Length $\pm 2\%$ ($f < 400\text{mm}$); $\pm 5\%$ ($f \geq 400\text{mm}$)
 Centration<3 arc minutes
 Clear Aperture>90%
 Surface Quality60-40
 Bevel.....Protective

P/N	f	Φ	t_c	t_e	f_b	Material
30201	15.0	12.7	5.3	2.0	13.1	UVFS
30202	20.0	12.7	4.4	2.0	18.4	UVFS
30203	25.0	12.7	3.8	2.0	23.7	UVFS
30204	30.0	12.7	3.5	2.0	28.8	UVFS
30205	40.0	12.7	3.1	2.0	38.9	UVFS
30206	25.0	25.4	10.4	2.0	21.1	UVFS
30207	35.0	25.4	7.4	2.0	32.4	UVFS
30208	50.0	25.4	5.7	2.0	48.0	UVFS
30209	75.0	25.4	4.4	2.0	73.5	UVFS
30210	100.0	25.4	3.8	2.0	98.7	UVFS

P/N	f	Φ	t_c	t_e	f_b	Material
30211	150.0	25.4	3.2	2.0	148.9	UVFS
30212	200.0	25.4	2.9	.2	199.0	UVFS
30213	250.0	25.4	2.7	2.0	249.1	UVFS
30214	300.0	25.4	2.6	2.0	299.1	UVFS
30215	500.0	25.4	2.4	2.0	499.2	UVFS
30216	1000.0	25.4	2.2	2.0	999.2	UVFS
30217	50.0	38.0	11.6	3.0	45.9	UVFS
30218	100.0	38.0	7.0	3.0	97.6	UVFS
30219	150.0	38.0	5.7	3.0	148.0	UVFS
30220	200.0	38.0	5.0	3.0	198.3	UVFS
30221	350.0	38.0	4.1	3.0	348.6	UVFS
30222	500.0	38.0	3.8	3.0	498.7	UVFS
30223	8.00	6.00	3.20	2.00	6.90	BK7
30224	15.0	12.7	4.9	2.0	13.3	BK7
30225	25.0	12.7	3.6	2.0	23.8	BK7
30226	40.0	12.7	3.0	2.0	39.0	BK7
30227	75.0	12.7	2.6	2.0	74.1	BK7
30228	22.0	20.0	6.9	2.0	19.6	BK7
30229	20.0	21.0	8.2	2.0	17.1	BK7
30230	125.0	25.0	3.2	2.0	123.9	BK7
30231	31.7	25.4	7.3	2.0	29.2	BK7
30232	50.0	25.4	5.2	2.0	48.3	BK7
30233	100.0	25.4	3.6	2.0	98.8	BK7
30234	150.0	25.4	3.0	2.0	149.0	BK7
30235	200.0	25.4	2.8	2.0	199.0	BK7
30236	300.0	25.4	2.5	2.0	299.2	BK7
30237	1000.0	25.4	2.2	2.0	999.3	BK7
30238	500.0	30.0	2.4	2.0	499.2	BK7
30239	45.0	38.0	10.4	2.0	41.4	BK7
30240	100.0	38.0	6.5	3.0	97.8	BK7
30241	200.0	38.0	4.8	3.0	198.4	BK7
30242	500.0	38.0	3.7	3.0	498.8	BK7
30243	50.8	38.1	9.3	1.9	47.6	BK7
30244	100.0	50.0	9.2	3.0	96.9	BK7
30245	200.0	50.0	6.0	3.0	198.0	BK7
30246	400.0	50.0	4.5	3.0	398.5	BK7
30247	500.0	50.0	4.2	3.0	498.6	BK7
30248	800.0	50.0	3.8	3.0	798.7	BK7
30249	250.0	100.0	13.7	3.9	245.4	BK7

- Dimension unit:mm
- Other sizes and coatings are available upon request.