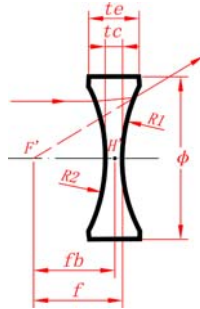


Double-Concave Lens



Double-Concave Lenses are popular for many applications. Bi-concave lenses have a negative focal length and are best used to diverge a converging beam. Bi-concave lenses can diverge a collimated beam to a virtual focus and are commonly used in Galilean-type beam expanders.

Specifications:

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

P/N	f	Φ	t _c	t _e	f _b	Material
30401	-15.0	12.7	2.0	5.0	-15.7	UVFS
30402	-20.0	12.7	2.0	4.2	-20.7	UVFS
30403	-25.0	12.7	2.0	3.7	-25.7	UVFS
30404	-30.0	12.7	2.0	3.5	-30.7	UVFS
30405	-40.0	12.7	2.0	3.1	-40.7	UVFS
30406	-25.0	25.4	2.0	9.5	-25.7	UVFS
30407	-35.0	25.4	2.0	7.2	-35.7	UVFS
30408	-50.0	25.4	2.0	5.6	-50.7	UVFS
30409	-75.0	25.4	2.0	4.3	-75.7	UVFS
30410	-100.0	25.4	2.0	3.8	-100.7	UVFS
30411	-150.0	25.4	2.0	3.2	-150.7	UVFS
30412	-200.0	25.4	2.0	2.9	-200.7	UVFS
30413	-250.0	25.4	2.0	2.7	-250.7	UVFS
30414	-300.0	25.4	2.0	2.6	-300.7	UVFS
30415	-500.0	25.4	2.0	2.4	-500.7	UVFS
30416	-1000.0	25.4	2.0	2.2	-1000.7	UVFS
30417	-50.0	38.0	3.0	11.1	-51.0	UVFS
30418	-100.0	38.0	3.0	6.9	-101.0	UVFS
30419	-150.0	38.0	3.0	5.6	-151.0	UVFS
30420	-200.0	38.0	3.0	5.0	-201.0	UVFS

P/N	f	Φ	t_c	t_e	f_b	Material
30421	-350.0	38.0	322.53	3.0	4.1	-351.0
30422	-500.0	38.0	460.55	3.0	3.8	-501.0
30423	-10.0	10.0	10.70	2.0	4.5	-10.6
30424	-15.0	12.7	15.88	2.0	4.6	-15.6
30425	-20.0	12.7	21.07	2.0	4.0	-20.6
30426	-25.0	12.7	26.25	2.0	3.6	-25.7
30427	-30.0	12.7	31.44	2.0	3.3	-30.7
30428	-40.0	12.7	41.80	2.0	3.0	-40.7
30429	-50.0	12.7	52.17	2.0	2.8	-50.7
30430	-35.0	25.4	36.62	2.0	6.5	-35.7
30431	-50.0	25.4	52.17	2.0	5.1	-50.7
30432	-75.0	25.4	78.09	2.0	4.1	-75.7
30433	-100.0	25.4	104.00	2.0	3.6	-100.7
30434	-125.0	25.4	129.92	2.0	3.2	-125.7
30435	-150.0	25.4	155.83	2.0	3.0	-150.7
30436	-175.0	25.4	181.75	2.0	2.9	-175.7
30437	-200.0	25.4	207.66	2.0	2.8	-200.7
30438	-250.0	25.4	259.49	2.0	2.6	-250.7
30439	-300.0	25.4	311.32	2.0	2.5	-300.7
30440	-500.0	25.4	518.64	2.0	2.3	-500.7
30441	-1000.0	25.4	1036.94	2.0	2.2	-1000.7
30442	-50.0	38.0	52.34	3.0	10.1	-51.0
30443	-100.0	38.0	104.17	3.0	6.5	-101.0
30444	-150.0	38.0	156.00	3.0	5.3	-151.0
30445	-200.0	38.0	207.83	3.0	4.7	-201.0
30446	-350.0	38.0	363.32	3.0	4.0	-351.0
30447	-500.0	38.0	518.81	3.0	3.7	-501.0
30448	-700.0	38.0	726.13	3.0	3.5	-701.0
30449	-100.0	50.0	104.17	3.0	9.1	-101.0
30450	-150.0	50.0	156.00	3.0	7.0	-151.0
30451	-200.0	50.0	207.83	3.0	6.0	-201.0
30452	-250.0	50.0	259.66	3.0	5.4	-251.0
30453	-400.0	50.0	415.15	3.0	4.5	-401.0
30454	-450.0	50.0	466.91	3.0	4.3	-451.0
30455	-500.0	50.0	518.82	3.0	4.2	-501.0
30456	-600.0	50.0	622.47	3.0	4.0	-601.0
30457	-800.0	50.0	829.73	3.0	3.8	-801.0

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