

Plano Concave Lens

Features

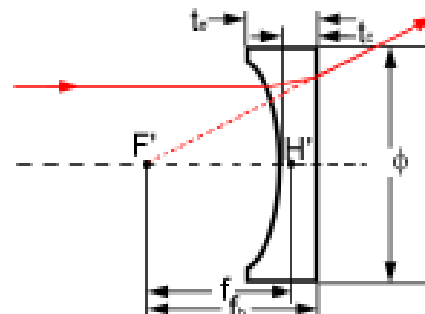
- High Precision Dimension
- Optional Substrate Material

Applications

- Projection Optics System
- Imaging System
- Optical Display System
- Laser Measurement System

Specifications

Material	BK7, Fused silica
Diameter tolerance	±0.1mm
Design wavelength	546.1nm
Focal tolerance	2%
Surface quality	60-40 S/D
Centration	3 arcmin
Surface flatness	λ/4@632.8nm
Clear aperture	>90%
Bevel	Protective bevel



Standard Products

Part No.	Material	Φ(mm)	F(mm)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
HPCV0201	BK7	10.0	-20.0	10.37	2.0	3.2	-21.3
HPCV0202	BK7	12.7	-15.0	7.78	2.0	5.3	-16.3
HPCV0203	BK7	12.7	-20.0	10.37	2.0	4.1	-21.3
HPCV0204	BK7	12.7	-25.0	12.96	2.0	3.7	-26.3
HPCV0205	BK7	12.7	-30.0	15.55	2.0	3.4	-31.3
HPCV0206	BK7	12.7	-40.0	20.73	2.0	3.0	-41.3
HPCV0207	BK7	12.7	-50.0	25.92	2.0	2.8	-51.3
HPCV0208	BK7	12.7	-75.0	38.87	2.0	2.5	-76.3
HPCV0209	BK7	12.7	-100.0	51.83	2.0	2.3	-101.3
HPCV0217	BK7	15.0	-75.0	38.87	2.0	2.7	-76.3
HPCV0332	BK7	21.0	-40.0	20.73	2.0	4.7	-41.3
HPCV0301	BK7	25.4	-35.0	18.14	2.0	7.2	-36.3
HPCV0302	BK7	25.4	-50.0	25.92	2.0	5.3	-51.3
HPCV0313	BK7	25.4	-70.0	36.28	2.0	4.3	-71.3
HPCV0303	BK7	25.4	-75.0	38.87	2.0	4.1	-76.3
HPCV0304	BK7	25.4	-100.0	51.83	2.0	3.6	-101.3
HPCV0306	BK7	25.4	-150.0	77.75	2.0	3.0	-151.3
HPCV0308	BK7	25.4	-200.0	103.66	2.0	2.7	-201.3
HPCV0310	BK7	25.4	-300.0	155.49	2.0	2.5	-301.3
HPCV0311	BK7	25.4	-500.0	259.15	2.0	2.3	-501.3
HPCV0312	BK7	25.4	-1000.0	518.30	2.0	2.2	-1001.3
HPCV0425	BK7	30.0	-80.0	41.46	2.0	4.8	-81.3

HPCV0426	BK7	30.0	-100.0	51.872	2.0	4.2	-101.3
HPCV0401	BK7	38.0	-50.0	25.92	3.0	11.3	-52.0
HPCV0402	BK7	38.0	-100.0	51.83	3.0	6.6	-102.0
HPCV0403	BK7	38.0	-150.0	77.75	3.0	5.5	-152.0
HPCV0404	BK7	38.0	-200.0	103.66	3.0	4.8	-202.0
HPCV0405	BK7	38.0	-350.0	181.41	3.0	4.0	-352.0
HPCV0406	BK7	38.0	-500.0	259.15	3.0	3.7	-502.0
HPCV0407	BK7	38.0	-700.0	362.81	3.0	3.5	-702.0
HPCV0511	BK7	50.0	-75.0	38.904	2.0	11.8	-77.0
HPCV0501	BK7	50.0	-100.0	51.83	3.0	9.4	-102.0
HPCV0502	BK7	50.0	-150.0	77.75	3.0	7.1	-152.0
HPCV0503	BK7	50.0	-200.0	103.66	3.0	6.1	-202.0
HPCV0504	BK7	50.0	-250.0	129.58	3.0	5.4	-252.0
HPCV0505	BK7	50.0	-400.0	207.32	3.0	4.5	-402.0
HPCV0507	BK7	50.0	-500.0	259.15	3.0	4.2	-502.0
HPCV0508	BK7	50.0	-600.0	310.98	3.0	4.0	-602.0
HPCV0509	BK7	50.0	-800.0	414.64	3.0	3.8	-802.0
HPCV1201	Fused silica	12.7	-15.0	6.90	2.0	6.2	-16.4
HPCV1202	Fused silica	12.7	-20.0	9.20	2.0	4.5	-21.4
HPCV1203	Fused silica	12.7	-25.0	11.50	2.0	3.9	-26.4
HPCV1204	Fused silica	12.7	-30.0	13.80	2.0	3.5	-31.4
HPCV1205	Fused silica	12.7	-40.0	18.40	2.0	3.1	-41.4
HPCV1301	Fused silica	25.4	-35.0	16.10	2.0	8.2	-36.4
HPCV1302	Fused silica	25.4	-50.0	23.00	2.0	5.8	-51.4
HPCV1303	Fused silica	25.4	-75.0	34.51	2.0	4.4	-76.4
HPCV1304	Fused silica	25.4	-100.0	46.01	2.0	3.8	-101.4
HPCV1305	Fused silica	25.4	-150.0	69.01	2.0	3.2	-151.4
HPCV1306	Fused silica	25.4	-175.0	80.5	2.0	3.0	-176.4
HPCV1307	Fused silica	25.4	-200.0	92.02	2.0	2.9	-201.4
HPCV1308	Fused silica	25.4	-250.0	115.02	2.0	2.7	-251.4
HPCV1309	Fused silica	25.4	-300.0	138.02	2.0	2.6	-301.4
HPCV1311	Fused silica	25.4	-500.0	230.04	2.0	2.4	-501.4
HPCV1312	Fused silica	25.4	-1000.0	460.08	2.0	2.2	-1001.4
HPCV1401	Fused silica	38.0	-50.0	23.00	3.0	13.0	-52.1
HPCV1402	Fused silica	38.0	-100.0	46.01	3.0	7.1	-102.1
HPCV1403	Fused silica	38.0	-150.0	69.01	3.0	5.7	-152.1
HPCV1404	Fused silica	38.0	-200.0	92.02	3.0	5.0	-202.1
HPCV1405	Fused silica	38.0	-350.0	161.03	3.0	4.1	-352.1
HPCV1406	Fused silica	38.0	-500.0	230.04	3.0	3.8	-502.1

Other size and coating are available upon request.