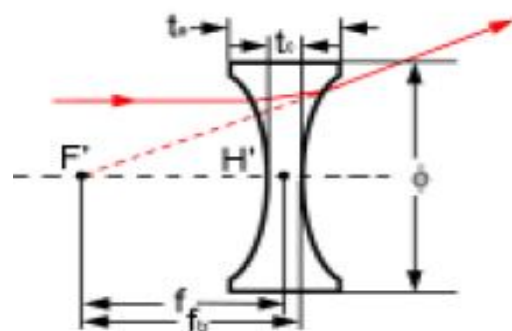


# FUSED SILICA DOUBLE-CONCAVE LENSES

## Specifications:

Material .....	UV Grade Fused Silica
Design Wavelength .....	546.1nm
Design Index .....	1.46008 ± 0.0005
Diameter Tolerance .....	+0.0, -0.15mm
Paraxial Focal Length .....	±2%
Centration .....	3 arc minutes
Clear Aperture .....	>80%
Surface Irregularity.....	$\lambda/4$ per 25mm at 632.8nm
Surface Quality .....	60-40 scratch and dig



Part No.	f(mm)	$\phi$ (mm)	$R_1$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$f_b$ (mm)
DCV1201	-15.0	12.7	14.11	2.0	5.0	-15.7
DCV1202	-20.0	12.7	18.71	2.0	4.2	-20.7
DCV1203	-25.0	12.7	23.32	2.0	3.7	-25.7
DCV1204	-30.0	12.7	27.92	2.0	3.5	-30.7
DCV1205	-40.0	12.7	37.12	2.0	3.1	-40.7
DCV1301	-25.0	25.4	23.32	2.0	9.5	-25.7
DCV1302	-35.0	25.4	32.52	2.0	7.2	-35.7
DCV1303	-50.0	25.4	46.32	2.0	5.6	-50.7
DCV1304	-75.0	25.4	69.33	2.0	4.3	-75.7
DCV1305	-100.0	25.4	92.33	2.0	3.8	-100.7
DCV1306	-150.0	25.4	138.34	2.0	3.2	-150.7
DCV1307	-200.0	25.4	184.35	2.0	2.9	-200.7
DCV1308	-250.0	25.4	230.36	2.0	2.7	-250.7
DCV1309	-300.0	25.4	276.36	2.0	2.6	-300.7
DCV1311	-500.0	25.4	460.40	2.0	2.4	-500.7
DCV1312	-1000.0	25.4	920.48	2.0	2.2	-1000.7
DCV1401	-50.0	38.0	46.48	3.0	11.1	-51.0
DCV1402	-100.0	38.0	92.49	3.0	6.9	-101.0
DCV1403	-150.0	38.0	138.50	3.0	5.6	-151.0
DCV1404	-200.0	38.0	184.50	3.0	5.0	-201.0
DCV1405	-350.0	38.0	322.53	3.0	4.1	-351.0
DCV1406	-500.0	38.0	460.55	3.0	3.8	-501.0

