

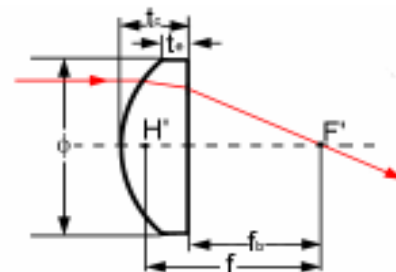
# Convex and Concave Standard-Lenses

valid from December 2006

## BK7 Plano-Convex Lenses

### Specifications:

Material	BK7 grade A optical glass
Design Wavelength	546.1 nm
Design Index	$1.5183 \pm 0.0005$
Diameter Tolerance	+0.0, -0.15 mm
Paraxial Focal Length	$\pm 2\%$
Centration	3 arc minutes
Clear Aperture	>80%
Surface Figure	$(\lambda/2 \text{ to } \lambda/4) @632.8 \text{ nm}$
Surface Quality	60-40 scratch and dig
Protective Bevel	

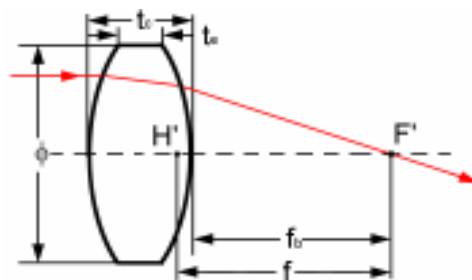


Type	Ø (mm)	f (mm)	R <sub>1</sub> (mm)	t <sub>c</sub> (mm)	t <sub>e</sub> (mm)	F <sub>b</sub> (mm)	Price US\$
OPX 10.0/11.4 C	10.0	22.0	11.4	3.1	1.9	20.0	20,00 \$
OPX 12.7/7.8 C	12.7	15.0	7.78	5.3	2.0	11.5	20,00 \$
OPX 12.7/10.4 C	12.7	20.0	10.37	4.2	2.0	17.2	20,00 \$
OPX 12.7/13.0 C	12.7	25.0	12.96	3.7	2.0	22.6	20,00 \$
OPX 12.7/15.6 C	12.7	30.0	15.55	3.4	2.0	27.8	20,00 \$
OPX 12.7/25.9 C	12.7	50.0	25.92	2.8	2.0	48.2	20,00 \$
OPX 12.7/38.9 C	12.7	75.0	38.87	2.5	2.0	73.4	20,00 \$
OPX 12.7/51.8 C	12.7	100.0	51.83	2.4	2.0	98.4	20,00 \$
OPX 20.0/20.7 C	20.0	40.0	20.73	4.5	1.9	37.0	20,00 \$
OPX 25.4/13.2 C	25.4	25.4	13.7	11.7	2.0	17.7	30,00 \$
OPX 25.4/18.1 C	25.4	35.0	18.14	7.2	2.0	30.3	23,50 \$
OPX 25.4/25.9 C	25.4	50.0	25.92	5.3	2.0	46.5	20,00 \$
OPX 25.4/26.4 C	25.4	50.8	26.351	5.2	1.9	47.4	20,00 \$
OPX 25.4/31.1 C	25.4	60.0	31.1	4.7	2.0	56.9	20,00 \$
OPX 25.4/36.3 C	25.4	70.0	36.28	4.3	2.0	67.2	20,00 \$
OPX 25.4/38.9 C	25.4	75.0	38.87	4.1	2.0	72.3	20,00 \$
OPX 25.4/51.8 C	25.4	100.0	51.83	3.6	2.0	97.6	20,00 \$
OPX 25.4/64.8 C	25.4	125.0	64.79	3.3	2.0	122.8	20,00 \$
OPX 25.4/77.8 C	25.4	150.0	77.75	3.0	2.0	148.0	20,00 \$
OPX 25.4/90.7 C	25.4	175.0	90.7	2.9	2.0	173.1	20,00 \$
OPX 25.4/103.7 C	25.4	200.0	103.66	2.8	2.0	198.2	20,00 \$
OPX 25.4/129.6 C	25.4	250.0	129.58	2.6	2.0	248.3	20,00 \$
OPX 25.4/155.5 C	25.4	300.0	155.49	2.5	2.0	298.4	20,00 \$
OPX 25.4/259.2 C	25.4	500.0	259.15	2.3	2.0	498.5	20,00 \$
OPX 25.4/518.3 C	25.4	1000.0	518.3	2.2	2.0	998.6	20,00 \$
OPX 50.0/51.8 C	50.0	100.0	51.83	9.4	3.0	93.8	43,50 \$
OPX 50.0/77.8 C	50.0	150.0	77.75	7.1	3.0	145.3	43,50 \$
OPX 50.0/103.7 C	50.0	200.0	103.66	6.1	3.0	196.0	43,50 \$
OPX 50.0/129.6 C	50.0	250.0	129.58	5.4	3.0	246.4	43,50 \$
OPX 50.0/207.3 C	50.0	400.0	207.32	4.5	3.0	397.0	43,50 \$

## BK7 Double-Convex Lenses

### Specifications:

Material	BK7 grade A optical glass
Design Wavelength	546.1 nm
Design Index	$1.5183 \pm 0.0005$
Diameter Tolerance	+0.0, -0.15 mm
Paraxial Focal Length	$\pm 2\%$
Centration	3 arc minutes
Clear Aperture	>80%
Surface Figure	$(\lambda/2 \text{ to } \lambda/4) @ 632.8 \text{ nm}$
Surface Quality	60-40 scratch and dig
Protective Bevel	



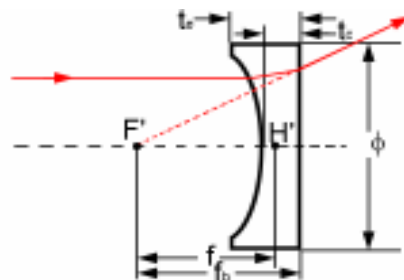
Type	Ø (mm)	f (mm)	R <sub>1</sub> (mm)	t <sub>c</sub> (mm)	t <sub>e</sub> (mm)	F <sub>b</sub> (mm)	Price US\$
OBX 12.7/51.4 C	12.7	50.0	51.35	2.8	2.0	49.1	20,00 \$
OBX 25.4/24.7 C	25.4	25.4	24.71	9.0	2.0	22.2	23,50 \$
OBX 25.4/35.1 C	25.4	35.0	35.09	6.8	2.0	32.7	20,00 \$
OBX 25.4/50.9 C	25.4	50.0	50.92	5.2	2.0	48.3	20,00 \$
OBX 25.4/77.0 C	25.4	75.0	77.04	4.1	2.0	73.6	20,00 \$
OBX 25.4/103.1 C	25.4	100.0	103.05	3.6	2.0	98.8	20,00 \$
OBX 25.4/155.0 C	25.4	150.0	154.97	3.0	2.0	149.0	20,00 \$
OBX 25.4/180.9 C	25.4	175.0	180.91	2.9	2.0	174.0	20,00 \$
OBX 25.4/206.8 C	25.4	200.0	206.84	2.8	2.0	199.0	20,00 \$
OBX 25.4/310.6 C	25.4	300.0	310.55	2.5	2.0	299.2	20,00 \$
OBX 25.4/517.9 C	25.4	500.0	517.91	2.3	2.0	499.2	20,00 \$
OBX 50.0/154.3 C	50.0	150.0	154.27	7.1	3.0	147.6	43,50 \$
OBX 50.0/206.3 C	50.0	200.0	206.28	6.0	3.0	198.0	43,50 \$
OBX 50.0/258.2 C	50.0	250.0	258.22	5.4	3.0	248.2	43,50 \$
OBX 50.0/413.9 C	50.0	400.0	413.87	4.5	3.0	398.5	43,50 \$
OBX 50.0/517.6 C	50.0	500.0	517.58	4.2	3.0	498.6	43,50 \$



## BK7 Plano-Concave Lenses

### Specifications:

Material	BK7 grade A optical glass
Design Wavelength	546.1 nm
Design Index	$1.5183 \pm 0.0005$
Diameter Tolerance	+0.0, -0.15 mm
Paraxial Focal Length	$\pm 2\%$
Centration	3 arc minutes
Clear Aperture	>80%
Surface Figure	$(\lambda/2 \text{ to } \lambda/4) @ 632.8 \text{ nm}$
Surface Quality	60-40 scratch and dig
Protective Bevel	



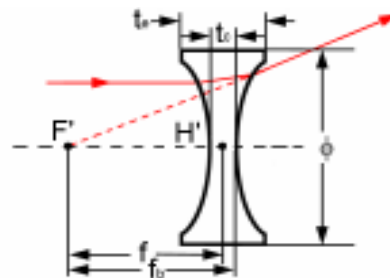
Type	$\varnothing$ (mm)	f (mm)	$R_1$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$F_b$ (mm)	Price US\$
OPC 10.0/10.4 C	10.0	-20.0	10.37	2.0	3.2	-21.3	20,00 \$
OPC 12.7/7.8 C	12.7	-15.0	7.78	2.0	5.3	-16.3	25,00 \$
OPC 12.7/10.4 C	12.7	-20.0	10.37	2.0	4.1	-21.3	20,00 \$
OPC 12.7/13.0 C	12.7	-25.0	12.96	2.0	3.7	-26.3	20,00 \$
OPC 25.4/25.9 C	25.4	-50.0	25.92	2.0	5.3	-51.3	20,00 \$
OPC 25.4/36.3 C	25.4	-70.0	36.28	2.0	4.3	-71.3	20,00 \$
OPC 25.4/38.9 C	25.4	-75.0	38.87	2.0	4.1	-76.3	20,00 \$
OPC 25.4/51.8 C	25.4	-100.0	51.83	2.0	3.6	-101.3	20,00 \$
OPC 25.4/64.8 C	25.4	-125.0	64.79	2.0	3.3	-126.3	20,00 \$
OPC 25.4/77.8 C	25.4	-150.0	77.75	2.0	3.0	-151.3	20,00 \$
OPC 25.4/90.7 C	25.4	-175.0	90.70	2.0	2.8	-176.3	20,00 \$
OPC 25.4/103.7 C	25.4	-200.0	103.66	2.0	2.7	-201.3	20,00 \$
OPC 25.4/129.6 C	25.4	-250.0	129.58	2.0	2.6	-251.3	20,00 \$
OPC 25.4/518.3 C	25.4	-1000.0	518.30	2.0	2.2	-1001.3	20,00 \$



## BK7 Double-Concave Lenses

### Specifications:

Material	BK7 grade A optical glass
Design Wavelength	546.1 nm
Design Index	$1.5183 \pm 0.0005$
Diameter Tolerance	+0.0, -0.15 mm
Paraxial Focal Length	$\pm 2\%$
Centration	3 arc minutes
Clear Aperture	>80%
Surface Figure	$(\lambda/2 \text{ to } \lambda/4) @ 632.8 \text{ nm}$
Surface Quality	60-40 scratch and dig
Protective Bevel	



Type	Ø (mm)	f (mm)	R <sub>1</sub> (mm)	t <sub>c</sub> (mm)	t <sub>e</sub> (mm)	F <sub>b</sub> (mm)	Price US\$
OBC 12.7/15.9 C	12.7	-15.0	15.88	2.0	4.6	-15.6	20,00 \$
OBC 12.7/52.2 C	12.7	-50.0	52.17	2.0	2.8	-50.7	20,00 \$
OBC 50.0/156.0 C	50.0	-150.0	156.00	3.0	7.0	-151.0	43,50 \$

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A minimum order surcharge of 10,-- US\$ will be applied to all orders of less than 100,-- US\$.

All prices are subject to change without notice

Delivery: ex works Hudson

Prices: packing and insurance excluded

Terms of Payment: 30 days net

