



Plano-Convex Lenses



Specifications

Material	BK7, UV grade fused silica
Focal Length	$\pm 1\%$
Diameter	+0.00/- 0.05 mm
Clear Aperture	90%
Center Thickness	+/- 0.02 mm
Centration	0.005 mm
Scratch and Dig	10-5, 40-20, 60-40
Surface Accuracy	$\lambda/4$, $\lambda/10$, at 633nm

Ordering Information

PLCX • BK7 & UV Fused Silica Lenses Plano-Convex

Part Number	Focal Length <i>f</i> (mm)	Diameter \varnothing (mm)	Material
PLCX-F10-D5	10.0	5.0	BK7
PLCX-F10-D8	10.0	8.0	BK7
PLCX-F10-D6.25-UV	10.0	6.25	UVFS
PLCX-F15-D8	15.0	8.0	BK7
PLCX-F15-D10	15.0	10.0	BK7
PLCX-F15-D12.5-UV	15.0	12.5	UVFS
PLCX-F20-D10	20.0	10.0	BK7
PLCX-F20-D12	20.0	12.0	BK7
PLCX-F20-D12.5-UV	20.0	12.5	UVFS
PLCX-F25-D8	25.0	8.0	BK7
PLCX-F25-D10	25.0	10.0	BK7
PLCX-F25-D12	25.0	12.0	BK7
PLCX-F25-D15	25.0	15.0	BK7
PLCX-F25-D25.4	25.0	25.4	BK7
PLCX-F25-D12.5-UV	25.0	12.5	UVFS
PLCX-F30-D10	30.0	10.0	BK7
PLCX-F30-D15	30.0	15.0	BK7
PLCX-F30-D12.5-UV	30.0	12.5	UVFS
PLCX-F35-D10	35.0	10.0	BK7
PLCX-F35-D15	35.0	15.0	BK7
PLCX-F35-D20	35.0	20.0	BK7
PLCX-F35-D25.4	35.0	25.4	BK7
PLCX-F35-D30	35.0	30.0	BK7
PLCX-F40-D10	40.0	10.0	BK7
PLCX-F35-D20	40.0	20.0	BK7
PLCX-F40-D25.4	40.0	25.4	BK7
PLCX-F40-D30	40.0	30.0	BK7
PLCX-F40-D12.5-UV	40.0	12.5	UVFS

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Part Number	Focal Length f (mm)	Diameter \varnothing (mm)	Material
PLCX-F50-D10	50.0	10.0	BK7
PLCX-F50-D15	50.0	15.0	BK7
PLCX-F50-D20	50.0	20.0	BK7
PLCX-F50-D25.4	50.0	25.4	BK7
PLCX-F50-D30	50.0	30.0	BK7
PLCX-F50-D40	50.0	40.0	BK7
PLCX-F50-D12.5-UV	50.0	12.5	UVFS
PLCX-F55-D10	55.0	10.0	BK7
PLCX-F60-D15	60.0	15.0	BK7
PLCX-F60-D25.4	60.0	25.4	BK7
PLCX-F60-D30	60.0	30.0	BK7
PLCX-F60-D38.1	60.0	38.1	BK7
PLCX-F70-D25.4	70.0	25.4	BK7
PLCX-F70-D30	70.0	30.0	BK7
PLCX-F70-D38.1	70.0	38.1	BK7
PLCX-F70-D40	70.0	40.0	BK7
PLCX-F75-D15	75.0	15.0	BK7
PLCX-F75-D25.4	75.0	25.4	BK7
PLCX-F75-D38.1	75.0	38.1	BK7
PLCX-F75-D50.8	75.0	50.8	BK7
PLCX-F75-D12.5-UV	75.0	12.5	UVFS
PLCX-F75-D25-UV	75.0	25.0	UVFS
PLCX-F75-D50-UV	75.0	50.0	UVFS
PLCX-F80-D15	80.0	15.0	BK7
PLCX-F80-D30	80.0	30.0	BK7
PLCX-F80-D50	80.0	50.0	BK7
PLCX-F85-D25.4	85.0	25.4	BK7
PLCX-F90-D25.4	90.0	25.4	BK7
PLCX-F90-D40	90.0	40.0	BK7
PLCX-F95-D50	95.0	50.0	BK7
PLCX-F100-D10	100.0	10.0	BK7
PLCX-F100-D15	100.0	15.0	BK7
PLCX-F100-D25	100.0	25.0	BK7
PLCX-F100-D30	100.0	30.0	BK7
PLCX-F100-D40	100.0	40.0	BK7
PLCX-F100-D50.8	100.0	50.8	BK7
PLCX-F100-D60	100.0	60.0	BK7
PLCX-F100-D80	100.0	80.0	BK7
PLCX-F100-D12.5-UV	100.0	12.5	UVFS
PLCX-F100-D25-UV	100.0	25.0	UVFS
PLCX-F100-D50-UV	100.0	50.0	UVFS
PLCX-F125-D10	125.0	10.0	BK7
PLCX-F125-D15	125.0	15.0	BK7
PLCX-F125-D25.4	125.0	25.4	BK7
PLCX-F125-D30.0	125.0	30.0	BK7
PLCX-F125-D38.1	125.0	38.1	BK7
PLCX-F125-D12.5-UV	125.0	12.5	UVFS
PLCX-F125-D25-UV	125.0	25.0	UVFS
PLCX-F125-D50-UV	125.0	50.0	UVFS



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Part Number	Focal Length f (mm)	Diameter \varnothing (mm)	Material
PLCX-F150-D10	150.0	10.0	BK7
PLCX-F150-D15	150.0	15.0	BK7
PLCX-F150-D25	150.0	25.0	BK7
PLCX-F150-D30	150.0	30.0	BK7
PLCX-F150-D38.1	150.0	38.1	BK7
PLCX-F150-D50	150.0	50.0	BK7
PLCX-F150-D60	150.0	60.0	BK7
PLCX-F150-D80	150.0	80.0	BK7
PLCX-F150-D50-UV	150.0	50.0	UVFS
PLCX-F200-D25	200.0	25.0	BK7
PLCX-F200-D30	200.0	30.0	BK7
PLCX-F200-D40	200.0	40.0	BK7
PLCX-F200-D50	200.0	50.0	BK7
PLCX-F200-D50-UV	200.0	50.0	UVFS
PLCX-F250-D25	250.0	25.0	BK7
PLCX-F250-D30	250.0	30.0	BK7
PLCX-F250-D50	250.0	50.0	BK7
PLCX-F250-D12.5-UV	250.0	12.5	UVFS
PLCX-F300-D25	300.0	25.0	BK7
PLCX-F300-D50	300.0	50.0	BK7
PLCX-F300-D95	300.0	95.0	BK7
PLCX-F300-D25-UV	300.0	25.0	UVFS
PLCX-F350-D25-UV	350.0	25.0	UVFS
PLCX-F400-D25.4	400.0	25.4	BK7
PLCX-F300-D38.1	400.0	38.1	BK7
PLCX-F500-D25	500.0	25.0	BK7
PLCX-F500-D30	500.0	30.0	BK7
PLCX-F500-D50	500.0	50.0	BK7
PLCX-F500-D25.4-UV	500.0	25.4	UVFS
PLCX-F500-D38.1-UV	500.0	38.1	UVFS
PLCX-F500-D50.8-UV	500.0	50.8	UVFS
PLCX-F800-D30	800.0	30.0	BK7
PLCX-F800-D50	800.0	50.0	BK7
PLCX-F800-D25-UV	800.0	25.0	UVFS
PLCX-F1000-D30	1000.0	30.0	BK7
PLCX-F1000-D50	1000.0	50.0	BK7
PLCX-F1000-D25.4-UV	1000.0	25.4	UVFS
PLCX-F1000-D38.1-UV	1000.0	38.1	UVFS
PLCX-F1000-D50.8-UV	1000.0	50.8	UVFS
PLCX-F1500-D50	1500.0	50.0	BK7
PLCX-F2000-D50	2000.0	50.0	BK7
PLCX-F2000-D25-UV	2000.0	25.0	UVFS
PLCX-F2000-D50-UV	2000.0	50.0	UVFS
PLCX-F3000-D50	3000.0	50.0	BK7

