



Bi-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

BICX • BK7 & UV Fused Silica Lenses Bi-Convex

Part Number	Focal Length f (mm)	Diameter \emptyset (mm)	Material
BICX-F4.5-D5	4.5	5.0	BK7
BICX-F7-D5	7.0	5.0	BK7
BICX-F8-D6	8.0	6.0	BK7
BICX-F10-D5	10.0	5.0	BK7
BICX-F10-D7.5	10.0	7.5	BK7
BICX-F10-D10	10.0	10.0	BK7
BICX-F10-D5-UV	10.0	5.0	UVFS
BICX-F10-D10-UV	10.0	10.0	UVFS
BICX-F12.5-D12.5	12.5	12.5	BK7
BICX-f15-D7.5	15.0	7.5	BK7
BICX-F15-D12.5	15.0	12.5	BK7
BICX-F18-D13	18.0	13.0	BK7
BICX-F20-D15	20.0	15.0	BK7
BICX-F22-D20	22.0	20.0	BK7
BICX-F25-D10	25.0	10.0	BK7
BICX-F25-D15	25.0	15.0	BK7
BICX-F25-D22.4	25.0	22.4	BK7
BICX-F25-D25.4	25.0	25.4	BK7
BICX-F25-D10-UV	25.0	10.0	UVFS
BICX-F25-D15-UV	25.0	15.0	UVFS
BICX-F25-D25-UV	25.0	25.0	UVFS
BICX-F25.4-D12.7	25.4	12.7	BK7
BICX-F25.4-D20	25.4	20.0	BK7
BICX-F25.4-D25.4	25.4	25.4	BK7
BICX-F28.6-D12.7	28.6	12.7	BK7

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Part Number	Focal Length f (mm)	Diameter \varnothing (mm)	Material
BICX-F30-D12.5	30.0	12.5	BK7
BICX-F30-D22.4	30.0	22.4	BK7
BICX-F30-D30	30.0	30.0	BK7
BICX-F35-D19.5	35.0	19.5	BK7
BICX-F35-D25.4	35.0	25.4	BK7
BICX-F38.1-D25.4	38.1	25.4	BK7
BICX-F38.1-D31.7	38.1	31.7	BK7
BICX-F38.1-D38.1	38.1	38.1	BK7
BICX-F40-D12.5	40.0	12.5	BK7
BICX-F40-D22.4	40.0	22.4	BK7
BICX-F40-D25	40.0	25.0	BK7
BICX-F45-D38	45.0	38.0	BK7
BICX-F50-D12.5	50.0	12.5	BK7
BICX-F50-D15	50.0	15.0	BK7
BICX-F50-D22.4	50.0	22.4	BK7
BICX-F50-D25.4	50.0	25.4	BK7
BICX-F50-D30	50.0	30.0	BK7
BICX-F50-D38.1	50.0	38.1	BK7
BICX-F50-D42	50.0	42.0	BK7
BICX-F50-D50	50.0	50.0	BK7
BICX-F50-D25-UV	50.0	25.0	UVFS
BICX-F50-D40-UV	50.0	40.0	UVFS
BICX-F50-D50-UV	50.0	50.0	UVFS
BICX-F50.8-D38.1	50.8	38.1	BK7
BICX-F50.8-D50.8	50.8	50.8	BK7
BICX-F50.8-D60	50.8	60.0	BK7
BICX-F54-D32	54.0	32.0	BK7
BICX-F60-D15	60.0	15.0	BK7
BICX-F60-D22.4	60.0	22.4	BK7
BICX-F60-D25.4	60.0	25.4	BK7
BICX-F60-D38.1	60.0	38.1	BK7
BICX-F60-D50	60.0	50.0	BK7
BICX-F65-D35	65.0	35.0	BK7
BICX-F65-D42	65.0	42.0	BK7
BICX-F70-D30	70.0	30.0	BK7
BICX-F70-D42	70.0	42.0	BK7
BICX-F70-D60	70.0	60.0	BK7
BICX-F75-D12.5	75.0	12.5	BK7
BICX-F75-D25.4	75.0	25.4	BK7
BICX-F75-D38.1	75.0	38.1	BK7
BICX-F75-D50.8	75.0	50.8	BK7
BICX-F75-D25-UV	75.0	25.0	UVFS
BICX-F75-D50-UV	75.0	50.0	UVFS
BICX-F80-D25.4	80.0	25.4	BK7
BICX-F80-D50.8	80.0	50.8	BK7
BICX-F90-25.4	90.0	25.4	BK7
BICX-F100-D12.5	100.0	12.5	BK7
BICX-F100-D22.4	100.0	22.4	BK7
BICX-F100-D25.4	100.0	25.4	BK7
BICX-F100-D30	100.0	30.0	BK7
BICX-F100-D38.1	100.0	38.1	BK7
BICX-F100-D42	100.0	42.0	BK7



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Part Number	Focal Length f (mm)	Diameter \varnothing (mm)	Material
BICX-F100-D50.8	100.0	50.8	BK7
BICX-F100-D25-UV	100.0	25.0	UVFS
BICX-F100-D40-UV	100.0	40.0	UVFS
BICX-F100-D50-UV	100.0	50.0	UVFS
BICX-F100-D75-UV	100.0	75.0	UVFS
BICX-F125-D25	125.0	25.0	BK7
BICX-F125-D38.1	125.0	38.1	BK7
BICX-F125-D50	125.0	50.0	BK7
BICX-F150-D22.4	150.0	22.4	BK7
BICX-F150-D25	150.0	25.0	BK7
BICX-F150-D30	150.0	30.0	BK7
BICX-F150-D42	150.0	42.0	BK7
BICX-F150-D50	150.0	50.0	BK7
BICX-F150-D75	150.0	75.0	BK7
BICX-F150-D100	150.0	100.0	BK7
BICX-F150-D25-UV	150.0	25.0	UVFS
BICX-F150-D50-UV	150.0	50.0	UVFS
BICX-F150-D75-UV	150.0	75.0	UVFS
BICX-F175-D12.5	175.0	12.5	BK7
BICX-F175-D25	175.0	25.0	BK7
BICX-F200-D25	200.0	25.0	BK7
BICX-F200-D30	200.0	30.0	BK7
BICX-F200-D38.1	200.0	38.1	BK7
BICX-F200-D42	200.0	42.0	BK7
BICX-F200-D50.0	200.0	50.0	BK7
BICX-F200-D75	200.0	75.0	BK7
BICX-F200-D25-UV	200.0	25.0	UVFS
BICX-F200-D50-UV	200.0	50.0	UVFS
BICX-F250-D12.5	250.0	12.5	BK7
BICX-F250-D25	250.0	25.0	BK7
BICX-F250-D50	250.0	50.0	BK7
BICX-F250-D25-UV	250.0	25.0	UVFS
BICX-F250-D50-UV	250.0	50.0	UVFS
BICX-F300-D25.4	300.0	25.4	BK7
BICX-F300-D50.8	300.0	50.8	BK7
BICX-F300-D25-UV	300.0	25.0	UVFS
BICX-F300-D50-UV	300.0	50.0	UVFS
BICX-F500-D25.4	500.0	25.4	BK7
BICX-F500-D38.1	500.0	38.1	BK7
BICX-F500-D50.8	500.0	50.8	BK7
BICX-F500-D80	500.0	80.0	BK7
BICX-F500-D25-UV	500.0	25.0	UVFS
BILCX-F500-D50-UV	500.0	50.0	UVFS
BICX-F1000-D25.4	1000.0	25.4	BK7
BICX-F1000-D38.1	1000.0	38.1	BK7
BICX-F1000-D50.8	1000.0	50.8	BK7
BICX-F2000-D25	2000.0	25.0	BK7
BICX-F2000-D50	2000.0	50.0	BK7

