

Bi-Concave lenses



Performance Specifications

Parameter	Specifications
Material	BK7, UV, grade fused silica
Diameter Tolerance	+0,00/ -0.05mm
Focal length	± 2%
Centration	0.005mm
Clear aperture	90% of the diameter
Center Thickness	± 0.02mm
Scratch and dig	60-40, 40-20, 10-5
Surface Accuracy	$\lambda/4$, $\lambda/10$, at 633nm
Customized Specs	Available upon request as per drawing

Ordering Information

BICX • BK7 & UV Fused Silica Lenses Bi-Concave

Part Number	Focal Length f (mm)	Diameter \varnothing mm	Material
BICC-F5-D5	-5.0	5.0	BK7
BICC-F8-D6	-8.0	6.0	BK7
BICC-F12-D12	-12.0	12.0	BK7
BICC-F12.5-D12.5	-12.5	12.5	BK7
BICC-F12.5-D12.5-UV	-12.5	12.5	UVFS
BICC-F15-D12.5	-15.0	12.0	BK7
BICC-F15-D12.5-UV	-15.0	12.5	UVFS
BICC-F20-D12.5	-20.0	12.5	BK7
BICC-F20-D20	-20.0	20.0	BK7
BICC-F20-D12.5-UV	-20.0	12.5	UVFS
BICC-F25-D12.5	-25.0	12.5	BK7
BICC-F25-D25	-25.0	25.0	BK7
BICC-F25-D12.5-UV	-25.0	12.5	UVFS
BICC-F25-D25-UV	-25.0	25.0	UVFS
BICC-F30-D12.5	-30.0	12.5	BK7
BICC-F30-D20	-30.0	20.0	BK7
BICC-F30-D30	-30.0	30.0	BK7
BICC-F30-D12.5-UV	-30.0	12.5	UVFS
BICC-F35-D20	-35.0	20.0	BK7
BICC-F37.5-D25-UV	-37.5	25.0	UVFS
BICC-F40-D12.5	-40.0	12.5	BK7
BICC-F40-D22.4	-40.0	22.4	BK7
BICC-F50-D12.5	-50.0	12.5	BK7
BICC-F50-D25	-50.0	25.0	BK7
BICC-F50-D42	-50.0	42.0	BK7
BICC-F50-D12.5-UV	-50.0		
BICC-F50-D12.5-UV	-50.0	12.5	UVFS
BICC-F50-D50-UV	-50.0	50.0	UVFS
BICC-F75-D12.5	-75.0	12.5	BK7
BICC-F75-D25	-75.0	25.0	BK7
BICC-F75-D50	-75.0	50.0	BK7
BICC-F75-D12.5-UV	-75.0	12.5	UVFS
BICC-F75-D25-UV	-75.0	25.0	UVFS
BICC-F100-D25	-100.0	25.0	BK7
BICC-F100-D30	-100.0	30.0	BK7
BICC-F100-D42	-100.0	42.0	BK7
BICC-F100-D50	-100.0	50.0	BK7
BICC-F100-D12.5-UV	-100.0	12.5	UVFS
BICC-F100-D25-UV	-100.0	25.0	UVFS
BICC-F100-D50-UV	-100.0	50.0	UVFS
BICC-F150-D25	-150.0	25.0	BK7
BICC-F200-D25	-200.0	25.0	BK7
BICC-F250-D25	-250.0	25.0	BK7
BICC-F300-D25	-300.0	25.0	BK7
BICC-F300-D25-UV	-300.0	25.0	UVFS
BICC-F500-D42	-500.0	42.0	BK7