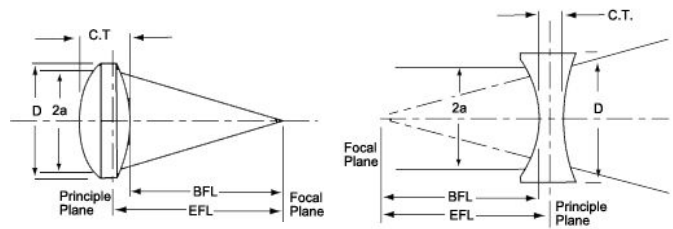


General Specifications

Substrate Material	: Fused Silica
Design wavelength	: 1064nm or 532nm
Index at 1064nm	: 1.4503
Transmits	: 200nm - 2.3um



Positive YAG Bestform Lenses

Part Numbers	Diameter (mm)	EFL (mm)	Optimum(mm) Beam dia.	CT (mm)
BFCX-12.7-20-λ	12.7	20.0	3.6	4
BFCX-12.7-25-λ	12.7	25.1	4.2	3
BFCX-12.7-40-λ	12.7	40.0	6.0	3
BFCX-25.4-63-λ	25.4	63.0	8.4	5.5
BFCX-25.4-80-λ	25.4	80.4	10.1	5
BFCX-25.4-100-λ	25.4	99.8	11.9	5
BFCX-25.4-125-λ	25.4	124.5	14.1	5
BFCX-25.4-140-λ	25.4	141.1	15.3	4.5
BFCX-25.4-160-λ	25.4	160.1	17.0	4.5
BFCX-25.4-190-λ	25.4	189.0	19.3	4.5
BFCX-25.4-240-λ	25.4	240.2	23.0	4.5
BFCX-25.4-300-λ	25.4	121.8	117.8	6
BFCX-25.4-380-λ	25.4	383.2	23.0	4
BFCX-25.4-475-λ	25.4	471.0	23.0	4
BFCX-25.4-610-λ	25.4	598.1	23.0	5
BFCX-25.4-760-λ	25.4	750.5	23.0	4
BFCX-25.4-1000-λ	25.4	1022.2	23.0	4
BFCX-50.8-150-λ	50.8	150.3	16.2	8
BFCX-50.8-190-λ	50.8	189.2	19.3	7
BFCX-50.8-240-λ	50.8	238.8	23.0	6.5
BFCX-50.8-300-λ	50.8	299.0	27.2	6.5
BFCX-50.8-380-λ	50.8	380.6	32.4	5.5
BFCX-50.8-475-λ	50.8	474.6	38.3	5.5
BFCX-50.8-610-λ	50.8	628.2	46.3	5
BFCX-50.8-760-λ	50.8	750.5	46.3	4.5
BFCX-50.8-1000-λ	50.8	1022.2	46.3	4.5

Negative YAG Bestform Lenses

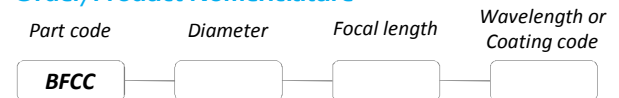
Part Numbers	Diameter (mm)	EFL (mm)	BFL (mm)	CT (mm)
BFCC-12.7-20N-λ	12.7	-20.1	3.6	2
BFCC-12.7-25N-λ	12.7	-25.0	4.2	2.1
BFCC-12.7-40N-λ	12.7	-40.1	6.0	2
BFCC-25.4-63N-λ	25.4	-62.1	8.4	2.5
BFCC-25.4-80N-λ	25.4	-80.3	10.1	2.5
BFCC-25.4-100N-λ	25.4	-98.9	11.9	3
BFCC-25.4-125N-λ	25.4	-124.9	14.1	3
BFCC-25.4-140N-λ	25.4	-140.3	15.3	3
BFCC-25.4-160N-λ	25.4	-159.4	17.0	3
BFCC-25.4-190N-λ	25.4	-190.1	19.3	3
BFCC-50.8-240N-λ	25.4	-240.7	23.0	4

Laser Line AR Coating

Laser line wavelength (nm)

532 / 1064

Order/Product Nomenclature



Order example : BFCX-50.8-150-1064
 : BFCC-25.4-100N-532

Antireflection coating

Wavelength	Bandwidth	Average Reflectance	Power rating *
1064nm	± 40nm	0.1 ~ 0.2%	2 GW/cm ²
532nm	± 40nm	0.1 ~ 0.2%	2 GW/cm ²

* Power rating based upon 20ns pulses, 20Hz