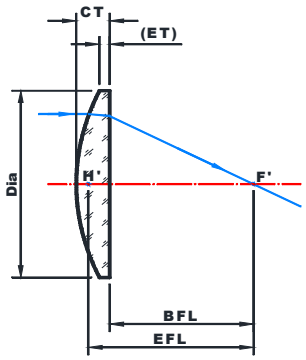
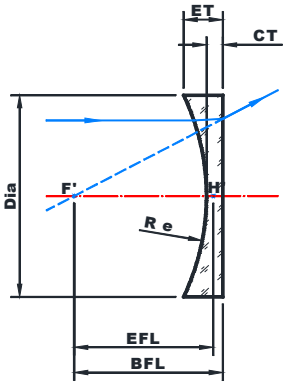
Medical Lenses

We provide a full range of focusing lens for varieties of Medical Laser System such as CO_2 , Q-switched ND:YAG, ER:YAG, Ruby and Alex Laser system. These optics have been used as replacement in most well-known medical system such as Continuum-Biomedical, ESC, Sharplan, Candela and Coherent.





Specifications	
Diameter Tolerance	+0/-0.2 mm
Thickness Tolerance	±0.2mm
FL Tolerance	<+/-2%
Paraxial Focal Length	±0.2%
ETV	3 arc minutes
Clear Aperture	>80%
Surface Flatness	λ /4 per 1"Dia @632.8nm
Surface Quality	40-20 scratch and dig

Part No.	Dia (mm)	EFL (mm)	E.T. (mm)	Material	Wavelength	Application
LZ-5.5-9.8-ET1.72E	5.5	9.8	1.7	ZnSe	2940nm	Er:YAG
LZ-7.7-32-ET1.8E	7.7	32.0	1.8	ZnSe	2940nm	Er:YAG
LZ-0.5-1.5-ET2E	12.7	38.1	2.0	ZnSe	2940nm	Er:YAG
LZ-15-36.5-ET2E	15.0	36.5	2.0	ZnSe	2940nm	Er:YAG
LZ-20+23-ET3E	20.0	-23.0	3.0	ZnSe	2940nm	Er:YAG
LZ-20-47-ET2E	20.0	47.0	2.0	ZnSe	2940nm	Er:YAG
LZ-20-72-ET3E	20.0	72.0	3.0	ZnSe	2940nm	Er:YAG
LFS-0.75-400-ET2.5E	19.1	400.0	2.5	ZnSe	2940 / 633nm	Er:YAG
LFS-0.75-600-ET2.5E	19.1	600.0	2.5	ZnSe	2940 / 633nm	Er:YAG
LBK-0.5-20-ET2	12.7	20.0	2.0	BK7	1064nm	Nd:YAG
LBK-15-25-ET2	15.0	25.0	2.0	BK7	1064nm	Nd:YAG
LBK-1-37.1-ET2	25.4	37.1	2.0	BK7	1064nm	Nd:YAG
LBK-1-40-ET2	25.4	40.0	2.0	BK7	1064nm	Nd:YAG
LBK-1-50-ET2	25.4	50.0	2.0	BK7	1064nm	Nd:YAG
LBK-1-2-ET2	25.4	50.8	2.0	BK7	1064nm	Nd:YAG
LBK-12-24-ET1.5AY	12.0	24.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-12-30-ET1.5AY	12.0	30.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-12-48-ET1.5AY	12.0	48.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-15-30-ET1.5AY	15.0	30.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-15-75-ET1.5AY	15.0	75.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-18-36-ET1.5AY	18.0	36.0	1.5	BK7	1064 / 755nm	Nd:YAG / Alex

Part No.	Dia (mm)	EFL (mm)	E.T. (mm)	Material	Wavelength	Application
LBK-18-54-ET2AY	18.0	54.0	2.0	BK7	1064 / 755nm	Nd:YAG / Alex
LBK-10.5-24.8-ET2.8A	10.5	24.8	2.0	BK7	755 / 633nm	Alex Laser
LBK-10.5-27.8-ET2.5A	10.5	27.8	2.5	BK7	755 / 633nm	Alex Laser
LBK-12-17.6-ET1.5A	12.0	17.6	1.5	BK7	755 / 633nm	Alex Laser
LBK-0.5-20-ET2A	12.7	20.0	2.0	BK7	755 / 633nm	Alex Laser
LBK-14-37.8-ET2.5A	14.0	37.8	2.5	BK7	755 / 633nm	Alex Laser
LBK-15-20-ET2A	15.0	20.0	2.0	BK7	755 / 633nm	Alex Laser
LBK-15-25-ET2A	15.0	25.0	2.0	BK7	755 / 633nm	Alex Laser
LBK-15-40-ET2A	15.0	40.0	2.0	BK7	755 / 633nm	Alex Laser
LBK-1-2-ET2A	25.4	50.8	2.0	BK7	755 / 633nm	Alex Laser
LBK-15-20-ET2VIS	15.0	20.0	2.0	BK7	400-700nm	-
LBK-15-30-ET2VIS	15.0	30.0	2.0	BK7	400-700nm	-
LBK-15-40-ET2VIS	15.0	40.0	2.0	BK7	400-700nm	-
LBK-15-50-ET2VIS	15.0	50.0	2.0	BK7	400-700nm	-
LBK-15-70-ET2VIS	15.0	70.0	2.0	BK7	400-700nm	-
LBK-20-40-ET2VIS	20.0	40.0	2.0	BK7	400-700nm	-
LBK-20-63.5-ET2VIS	20.0	63.5	2.0	BK7	400-700nm	-
LFS-12.7-50-ET2.5N	12.7	50.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-12.7-100-ET2.5N	12.7	100.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-15+50-ET2.5N	15.0	-50.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-20-60-ET2.5	20.0	60.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-15-60-ET2.5N	15.0	60.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-15-200-ET2.5N	15.0	200.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-15-250-ET2.5N	15.0	250.0	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-1-1.5-ET2N	25.4	38.1	2.0	Fused Silica	1064 / 532nm	Nd:YAG
LFS-1-2-ET2.5N	25.4	50.8	2.5	Fused Silica	1064 / 532nm	Nd:YAG
LFS-12.5-75-ET3A	12.5	75.0	3.0	Fused Silica	755 / 633nm	Alex Laser
LFS-13-75-ET3A	13.0	75.0	3.0	Fused Silica	755 / 633nm	Alex Laser
LFS-13+46.96-ET4.3R	13.0	-47.0	4.3	Fused Silica	694.3 / 633nm	Ruby
LFS-13+33.26-ET4.3R	13.0	-33.3	4.3	Fused Silica	694.3 / 633nm	Ruby
LFS-15+75-ET2.5R	15.0	-75.0	2.5	Fused Silica	694.3 / 633nm	Ruby
LFS-16-160-ET2R	16.0	160.0	2.0	Fused Silica	694.3 / 633nm	Ruby

NOTE: Medical laser lenses of different specs are available upon request