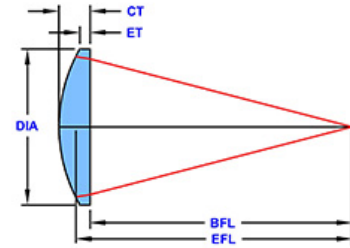




## Fused Silica Lenses

Fused Silica material has advantages over regular optical glasses. It is often used in deep UV or NIR systems due to its high transmission in those spectral regions. Due to the material's inherently hard SiO<sub>2</sub> amorphous structure and its exceptional chemical homogeneity, it displays high laser damage threshold and endures high operating temperatures. These lenses are often used in laser and imaging systems.



Diameter	Dia. Tolerance	CT Tolerance	Centering	Irregularity	Surface Quality	Bevel
<b>7.50-25.00</b>	+0.00 / -0.10	±0.2	< 3 minutes	0.5 Waves	40-20	0.25 x 45°
<b>25.01 - 50.00</b>	+0.00 / -0.10	±0.2	< 3 minutes	0.5 Waves	60-40	0.50 x 45°
<b>Dimensions</b>	MM					
<b>Clear Aperture</b>	CA >= 90% of Diameter					
<b>Coating</b>	Uncoated, Specify your coating (See <a href="#">Coating Chart</a> for Available Options)					
<b>Design Wavelength</b>	587.6nm					
<b>Focal Length Tolerance</b>	±2%					
<b>Edge Thickness</b>	Reference					

\* All dimensions are in mm

Viewing 1 to 9 (9 Total)

Sort by:

Part Number	Diameter	Effective Focal Length	Back Focal Length	Center Thickness	Edge Thickness	
L-QPX003	7.5000	15.0000	12.9000	3.10	2.0000	<a href="#">Request A Quote</a>
L-QPX009	15.0000	25.0000	21.8000	4.80	2.0000	<a href="#">Request A Quote</a>
L-QPX012	25.0000	50.0000	46.3000	5.70	2.0000	<a href="#">Request A Quote</a>
L-QPX015	25.0000	75.0000	72.2000	4.40	2.1000	<a href="#">Request A Quote</a>
L-QPX018	25.0000	100.0000	97.8000	3.70	2.0000	<a href="#">Request A Quote</a>
L-QPX021	25.0000	150.0000	148.4000	3.10	2.0000	<a href="#">Request A Quote</a>
L-QPX024	25.0000	200.0000	198.7000	2.90	2.0000	<a href="#">Request A Quote</a>
L-QPX027	25.0000	250.0000	249.0000	2.70	2.0000	<a href="#">Request A Quote</a>
L-QPX030	50.0000	75.0000	65.8000	13.80	3.1000	<a href="#">Request A Quote</a>

©2019 Ross Optical.

Ross Optical Industries

1410 Gail Borden Place, A3

El Paso, TX 79935, USA

[Terms and Conditions](#)

Site built by [Launch Team Inc](#)