

CALCIUM FLUORIDE BI-CONVEX LENS

12.7mm Ø X 100mm F.L. @ 5µm

MATERIAL: IR Grade CaF₂

Diameter: 12.7mm (±0.1mm)
Centre Thickness: 2.0mm (±0.1mm)
Radius of Curvature 1: 40.32 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 1.5mm (derived)

Effective F.L.	Back F.L.	Wavelength
93.2mm	91.8mm	0.633µm
96.6mm	95.2mm	3.0µm
101.0mm	99.6mm	5.0µm

Paraxial FL Tolerances ±2% to nearest mm
EFL from thin lens formula. BFL is referenced from the lens surface.

Crystran Stock

Modifications		
Issue B	01/17 KJM	ET marked as derived. FL table
Issue A	11/07 KJM	

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 12.7LENS100</p>
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