

# CALCIUM FLUORIDE BI-CONVEX LENS

12.7mm Ø X 10mm F.L. @ 300nm

MATERIAL: UV Grade CaF<sub>2</sub>

Diameter:	12.7mm (+0.0/-0.127mm)
Centre Thickness:	6.0mm (±0.127mm)
Radius of Curvature 1:	10.16 (±2%)
Radius of Curvature 2:	10.16 (±2%)
S/D:	60/40
Edge thickness:	1.5mm (derived)

Effective F.L.	Back F.L.	Wavelength
12.3mm	10.0mm	0.3µm
12.9mm	10.6mm	0.633µm
13.9mm	11.6mm	5.0µm

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

*Unified design suitable for OEM & Crystran Stock*

Modifications		
Issue D	01/17	ET marked as derived. FL table
Issue C	05/14 KST	
Issue B	05/09 KJM	
Issue A	11/07 KJM	

## CRYSTRAN LTD

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Title: CaF<sub>2</sub> Lens

DRG # 12.7LENS10U