

ZINC SELENIDE PLANO-CONVEX LENS

25.4mm diameter x 500mm nominal F.L.

MATERIAL: CVD ZnSe

Diameter: 25.4mm (± 0.1 mm)
Clear Aperture 80% of diameter
Edge thickness: 2.0mm (± 0.1 mm)
Centre Thickness: *2.2mm derived*
Chamfers: approx 0.1mm break-edge
Radius of Curvature 1: 703.1 (± 1 mm)
Radius of Curvature 2: Plano

Centration < 5 minutes
Surface Accuracy $\lambda/10$ at $10.6\mu\text{m}$
S/D: 60/40
Coating: Uncoated

Effective Focal length	
0.633nm	446.3mm
1064nm	472.1mm
$7\mu\text{m}$	494.5mm
$10.6\mu\text{m}$	501.2mm
$14\mu\text{m}$	511.6mm

Crystran Stock.

Issue A	3/08 KJM

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Title: ZnSe Lens
DRG # ZNSE25.4LENS500