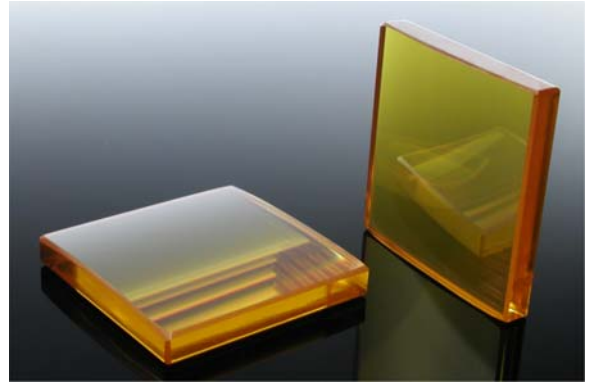


Plano-convex Cylindrical Lenses for the Infra-red



These positive cylindrical plano-convex lenses are used for line imaging and line narrowing. They are available in low absorption, CVD grown Zinc Selenide, or single crystal Germanium.

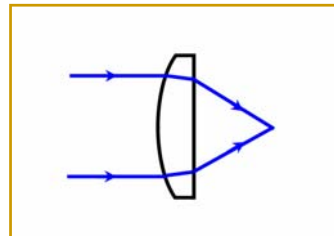
A range of focal lengths and sizes are offered.

Focal lengths range from 25.4 to 381 mm (1" to 15").

Square or circular shaped lenses are available. Typical sizes are: 25.4 mm square, 50.8 mm square or diameters of 25.4 and 50.8 mm. (1" and 2")

Thickness varies from 5.0 to 12.7 mm as appropriate to suit the individual mounting requirements.

Lenses are normally supplied uncoated but a range of anti-reflection coatings are available including one for low reflectance at 10.6 μ m.



Typical Specifications	
Material:	ZnSe or Ge
Surface flatness:	$\lambda/20$ @ 10.6 μ m
Surface quality:	40/20
Centration:	< 3 arcmin
Diameter:	+0.0 / -0.2 mm
Thickness:	\pm 0.25 mm
Clear aperture:	> 85% of diameter
Absorbition:	<0.1% per surface
Durability:	MIL-M-13508

To request a quote or to order, please specify:

Quantity — Material — Focal Length — Dimensions — Edge Thickness (if critical) — Coating

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For a quotation — please phone, fax or email us with details of your requirements.