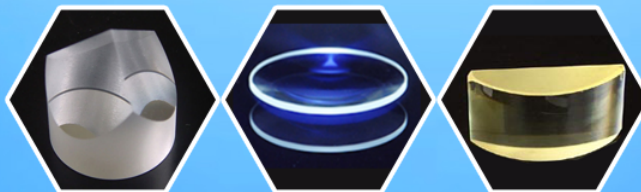


# Optical elements



## West Coast Tech Limited

Hc

Home > Product detail -Spherical Lens-Plano convex lens

- VIS

Optics

Diffuser

Dome

Prism

Spherical

Cylindrical

Aspherical

Ball Lens

Drum Lens

Mirror

Beamsplitter

Optical

Waveplate

UV Optics

+ IR Optics

+ Panoramic

### Plano convex lens

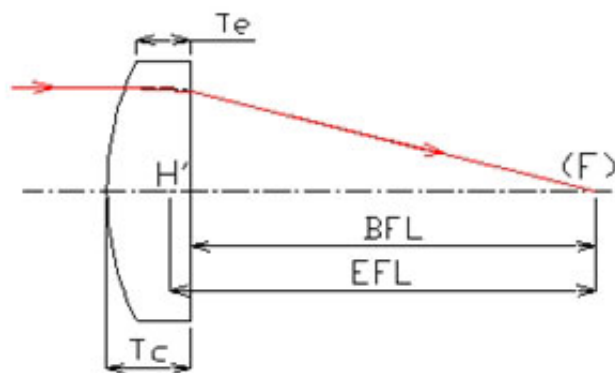
RFQ

#### Product Info

Plano convex lenses have positive focal lengths, converge incident light, and form both real images (as might be focused in a piece of paper), and virtual images (as are seen through the lenses when they are used as magnifiers). They are widely used in telescopes, collimators, optical

- [+ Laser](#)
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transceivers, magnifiers, radiometers and condensers. Our plano convex lens usually use the material as BK7, fused silica, Ge, Si and the other optical glass, and so on.



Capability

Material:	Optical glass, Fused silica, CaF2, Si, Ge, etc.
Diameter:	1-500mm
Diameter tolerance:	+0/-0.05mm
Clear aperture:	> 90% of diameter
Center thickness:	
Thickness tolerance:	+/-0.05mm
Radius:	2 - 50000mm
Radius tolerance:	+/-0.1%
Centration:	30 arc seconds
Surface quality:	20-10 scratch and dig
Power:	0.5 fringe
Irregularity:	0.2 fringe
Coating:	with or without AR coating
Bevel:	Protective bevel

Prev : Plano Plano Convex lens Next : none

\*Capability is subject to the change of material used and dimension.

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Add: No. 133, Tianquan Rd, Fuzhou, Fujian China Tel: + 86 591 87303536 Fax: 400 8875666 ext. 456900 Skype: westcoasthk Wechat: 18059763656 Email: