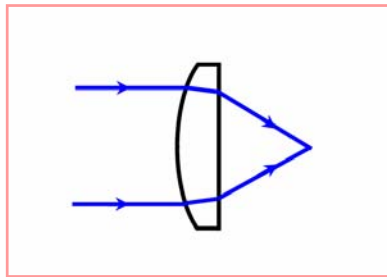


# Cylindrical Plano-convex Lenses



Cylindrical plano-convex lenses are used to introduce positive uni-axial power into an optical system.



These precision plano-convex cylindrical

lenses are made from either BK7 or Fused Silica.

They are supplied either uncoated or with a single layer anti-reflection coating suitable for the ultraviolet (200-350 nm), the visible (350 - 600 nm) or the near infra-red (600 - 1200 nm).



A wide range of focal lengths and sizes are available. The lenses may be circular or rectangular in shape.

Here is a list of the most common sizes (in mm):

<u>Circular Diameter</u> or <u>Square Side</u>	<u>Focal Length</u>
12.7	25, 50, 75, 100
15.0	40
25.4	50, 100, 150, 200
40.0	400
50.8	150, 200, 250, 500

<b>Typical Specifications</b>	
Material:	BK7A, UVFS
Focal length:	$\pm 2\%$
Diameter:	$+0.0 / -0.2$ mm
Centre Thickness:	$\pm 0.25$ mm
Centration:	$< 3$ arcmin
Surface accuracy:	$\lambda/4 @ 633$ nm
Surface quality:	40/20
Clear aperture:	$> 85\%$ of diameter

Please ask for other sizes and focal lengths as we can supply a wide selection of these lenses.

**To request a quote or to order, please specify:**

Quantity — Material — Shape & Size — Focal Length — Coating (Uncoated-UV-VIS-NIR)

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