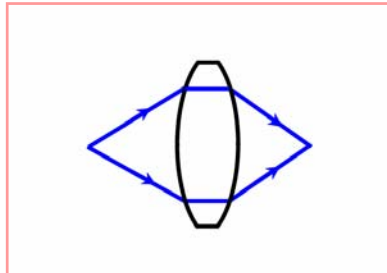


Bi-convex Lenses

Bi-convex lenses are often used as image relay or field lenses. Being symmetrical, they are close to the best form working at 1:1 magnification. They are therefore ideal for image relay purposes.

These bi-convex spherical 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 ultra-violet (200-350 nm), the visible (350 - 600 nm) or the near infra-red (600 - 1200 nm).

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



A wide range of focal lengths and diameters are available. Here is a list of the most common sizes (in mm):

Diameter	Focal Lengths
6.0	19
10.0	15, 30
12.7	25, 38,
20.0	30, 40, 60, 75
25.4	50, 100, 150, 175
30.0	60, 120, 180, 250, 300
38.1	75, 125, 200, 300
40.0	100, 150, 250
50.8	150, 250, 400

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 — Diameter — 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.