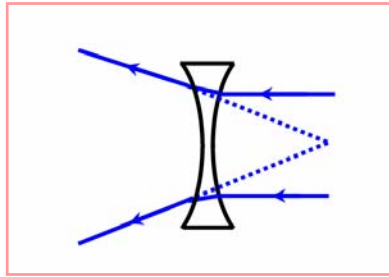


Bi-concave Lenses

Bi-concave lenses are used to introduce negative power into an optical system.

These bi-concave 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).



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

<u>Diameter</u>	<u>Focal Lengths</u>
6.0	-10
10.0	-15, -30
12.7	-20, -25, -38
20.0	-30, -40, -60
25.4	-50, -75, -100, -150
30.0	-60, -180, -250
38.1	-125, -200, -300
40.0	-100, -150
50.8	-250, -400, -500

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

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
Clear aperture:	> 85% of diameter

To request a quote or to order, please specify:

Quantity — Material — Diameter — Focal Length — Coating (Uncoated-UV-VIS-NIR)

Optarius

PO Box 2271
Malmesbury SN16 9FA
United Kingdom

Optics for Imaging

Phone: +44 1666 575185
Fax: +44 1666 577424
Email: optarius@optarius.com
Web: www.optarius.com

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