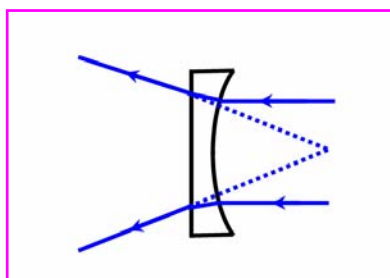


# *Plano-concave Lenses for the UV*

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

These plano-concave spherical lenses are made from UV Fused Silica.



They are supplied either uncoated or with a single layer anti-reflection coating suitable for the ultra-violet (200-350 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>
12.7	-98, -147, -196, -295, -393, -491
19.1	-98, -147, -196, -295, -393, -491
25.4	-98, -147, -196, -295, -393, -491
38.1	-98, -147, -196, -295, -393, -491
50.8	-98, -147, -196, -295, -393, -491

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

<b>Typical Specifications</b>	
Material:	UVFS
Focal length:	.± 1%
Diameter:	+0.0 /-0.2 mm
Centre Thickness:	± 0.25 mm
Centration:	< 3 arcmin
Surface accuracy:	λ/10 @ 633 nm
Surface quality:	20/10
Clear aperture:	> 85% of diameter

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

Quantity — Diameter — Focal Length — Coating (if required)

## *Optarius*

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