

COMAR

Optics for the real world

50 VF 42

Fire-polished biconvex lenses



Photo representative of the Fire-polished biconvex lenses range, and may not show the part 50 VF 42.

50 VF 42 specification

Diameter (mm)	50
Diameter tolerance (mm)	+0, -0.5mm
Focal length (mm)	51.0 (flanged lens with 42mm aperture)
Focal length tolerance (at 587nm)	±10%
Back focal length (mm)	n/a
Centre thickness (mm)	n/a
Centre thickness tolerance	n/a
Edge thickness (mm)	3.9
Centration	n/a
Form	biconvex
Scratch-dig	n/a
Coating type	Uncoated
Glass type	n/a
Diffraction-limited aperture (mm)	n/a
Radii (mm)	n/a
Back vertex power (diopter)	n/a
Back vertex power tolerance	n/a
Figure (sphericity)	n/a

Image not available.

Two typical curves are shown for each coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.33 x dia.) and Curve 1 to all other surfaces.