

COMAR

Optics for the real world

100 PS 50

UV-silica convex lenses

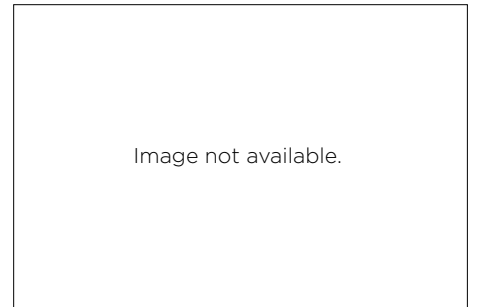
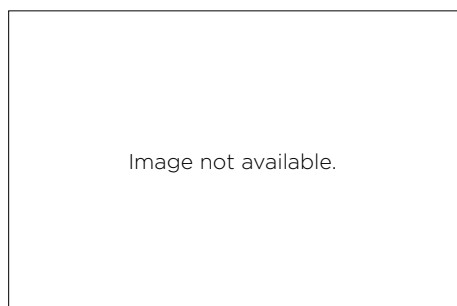


Photo representative of the UV-silica convex lenses range, and may not show the part 100 PS 50.

100 PS 50 specification

Diameter (mm)	50
Diameter tolerance (mm)	+0, -0.1mm
Focal length (mm)	100
Focal length tolerance (at 587nm)	±2%
Back focal length (mm)	93.9
Centre thickness (mm)	n/a
Centre thickness tolerance	n/a
Edge thickness (mm)	1.5mm (± 0.35mm)
Centration	n/a
Form	Planovex
Scratch-dig	n/a
Coating type	Uncoated
Glass type	UV silica
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



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.