

COMAR

Optics for the real world

100 DQ 25

Positive achromatic doublets

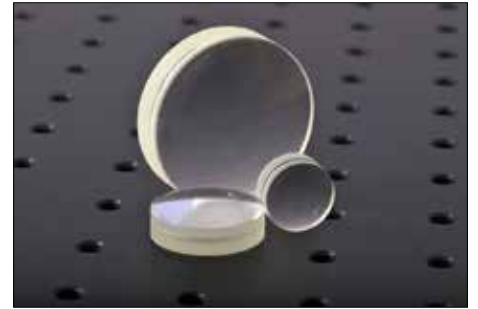
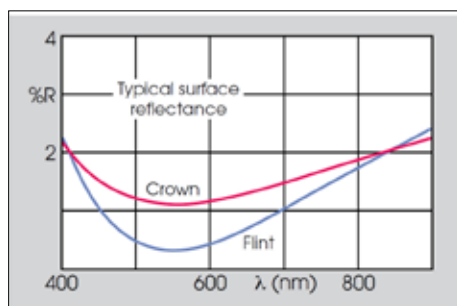


Photo representative of the Positive achromatic doublets range, and may not show the part 100 DQ 25.

100 DQ 25 specification

Diameter (mm)	25
Diameter tolerance (mm)	+0 -0.1mm
Design aperture	23
Focal length (mm)	100
Focal length tolerance (at 587nm)	±1%
Back focal length (mm)	96.8
Centre thickness (mm)	7
Edge thickness (mm)	5.2
Centration	2.5mrad
Diffraction limited?	Yes
Scratch-dig	40-20
Coating type	SLAR



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.