

COMAR

Optics for the real world

100 DQ 50

Positive achromatic doublets

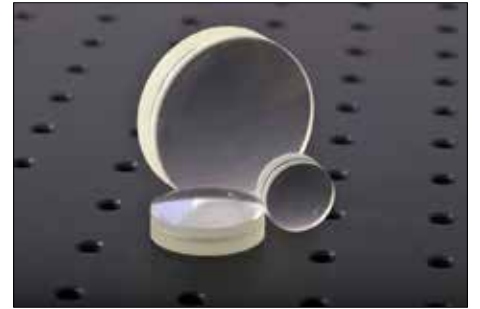
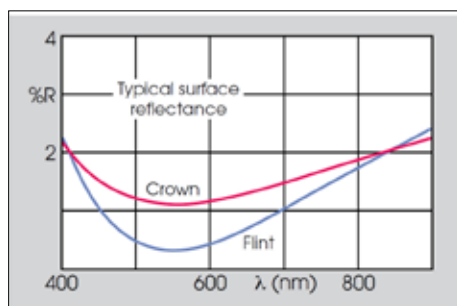


Photo representative of the Positive achromatic doublets range, and may not show the part 100 DQ 50.

100 DQ 50 specification

Diameter (mm)	50
Diameter tolerance (mm)	+0 -0.1mm
Design aperture	48.2
Focal length (mm)	100
Focal length tolerance (at 587nm)	±1%
Back focal length (mm)	91.9
Centre thickness (mm)	15.9
Edge thickness (mm)	8.6
Centration	2.5mrad
Diffraction limited?	No
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.