

COMAR

Optics for the real world

80 DQ 20

Positive achromatic doublets

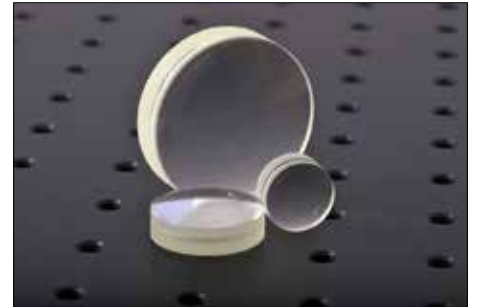


Photo representative of the Positive achromatic doublets range, and may not show the part 80 DQ 20.

80 DQ 20 specification

Diameter (mm)	20
Diameter tolerance (mm)	+0 -0.1mm
Design aperture	18.4
Focal length (mm)	80
Focal length tolerance (at 587nm)	±1%
Back focal length (mm)	77.4
Centre thickness (mm)	5.6
Edge thickness (mm)	4.1
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.