

COMAR

Optics for the real world

50 DQ 16

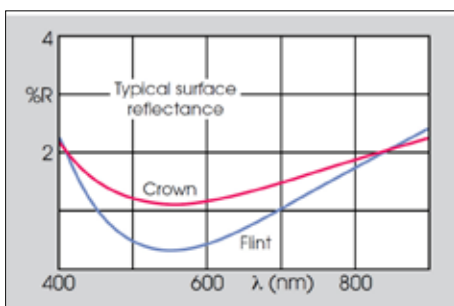
Positive achromatic doublets



Photo representative of the Positive achromatic doublets range, and may not show the part 50 DQ 16.

50 DQ 16 specification

Diameter (mm)	16
Diameter tolerance (mm)	+0 -0.1mm
Design aperture	14.5
Focal length (mm)	50
Focal length tolerance (at 587nm)	±1%
Back focal length (mm)	47.4
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.