

COMAR

Optics for the real world

315 DQ 25

Positive achromatic doublets

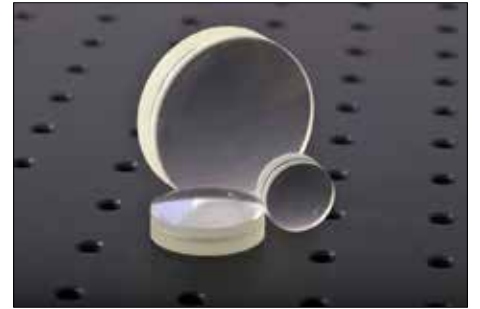
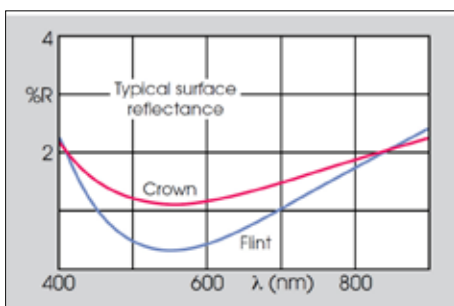


Photo representative of the Positive achromatic doublets range, and may not show the part 315 DQ 25.

315 DQ 25 specification

| | |
|-----------------------------------|-----------|
| Diameter (mm) | 25 |
| Diameter tolerance (mm) | +0 -0.1mm |
| Design aperture | 24 |
| Focal length (mm) | 315 |
| Focal length tolerance (at 587nm) | ±1% |
| Back focal length (mm) | 312.7 |
| Centre thickness (mm) | 5 |
| Edge thickness (mm) | 4.4 |
| 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.