

COMAR

Optics for the real world

40 IX 16

Meniscus laser lenses

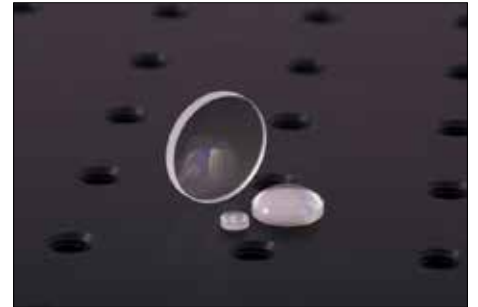
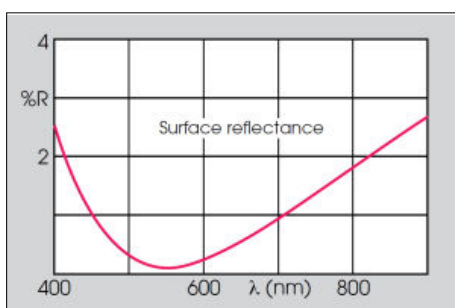


Photo representative of the Meniscus laser lenses range, and may not show the part 40 IX 16.

40 IX 16 specification

| | |
|-----------------------------------|--------------------|
| Diameter (mm) | 16 |
| Diameter tolerance (mm) | +0, -0.1mm |
| Focal length (mm) | 40 |
| Focal length tolerance (at 587nm) | ±2% |
| Back focal length (mm) | 36.6 |
| Centre thickness (mm) | 2.6 |
| Centre thickness tolerance | n/a |
| Edge thickness (mm) | 1.5 |
| Centration | 1.5mrad |
| Form | meniscus |
| Scratch-dig | 40-20 |
| Coating type | AR coated |
| Glass type | SF11 |
| Diffraction-limited aperture (mm) | n/a |
| Radii (mm) | 13.60/21.97 |
| Back vertex power (diopter) | n/a |
| Back vertex power tolerance | n/a |
| Figure (sphericity) | lambda/4 (typical) |



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.