



Optics for the real world

10 IT 04

Meniscus laser lenses



Photo representative of the Meniscus laser lenses range, and may not show the part 10 IT 04.

10 IT 04 specification

Diameter (mm)	4
Diameter tolerance (mm)	+0, -0.1mm
Focal length (mm)	10
Focal length tolerance (at 587nm)	±2%
Back focal length (mm)	8.3
Centre thickness (mm)	1.2
Centre thickness tolerance	n/a
Edge thickness (mm)	1
Centration	0.05mm
Form	meniscus
Scratch-dig	40-20
Coating type	Uncoated
Glass type	SF11
Diffraction-limited aperture (mm)	n/a
Radii (mm)	3.16/4.40
Back vertex power (diopter)	n/a
Back vertex power tolerance	n/a
Figure (sphericity)	lambda/4 (typical)

Image not available.

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.