



Micro Drum Lens

Micro Drum Lens

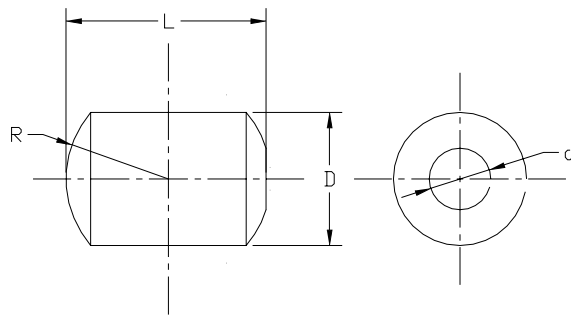
Featuring a cylindrical shape, Micro Drum Lens is easier to handle than a typical ball lens, but still has the excellent optical performance of a typical ball lens in an micro optical environment, suitable for compact-size fiberoptical components, laser systems, and micro optical devices. The tip of the curvature can be polished flat for special collimation needs.

Features

- Cylindrical sides with convex curvatures
- Typical ball lens performance
- High Transmittance
- Low Reflectance
- Accurate wavelength manipulation

Applications

- Compact fiberoptical components
- Laser systems
- Micro optical devices
- Optical assemblies



Specifications

Material	Optical glass
Design Wavelength	Visible or as specified
Length	1.0 ~ 8.0mm or as specified
Diameter (d)	0.7 ~ 8.0mm or as specified
Flat top diameter (d)	0.3 ~ 1.0mm or as specified
Focal length	±2%
Centration	±3 arc minutes
Clear aperture	80% of the diameter (d)
Scratch and dig	60-40, 40-20, 20-10, or as specified
Circumference	Polished or fine grind