

Micro Ball Lens



Because of its all round surface, Micro Ball Lens has flexible optical performance of a typical symmetrical convex lens in an micro optical environment, suitable for compact-size fiberoptical components, laser systems, and micro optical devices.

The sides of the ball lens can be polished off for easier handling and mounting.

Features

- All Round Surface
- BI-CX Optical Performance
- High Transmittance
- Low Reflectance
- Flexible 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
Focal Length	$\pm 2\%$
Centration	± 3 arc minutes
Clear Aperture	80% of the diameter
Scratch and Dig	60-40, 40-20, 20-10, or as specified
Circumference	Polished or fine grind on the sides

