

## Micro Ball Lenses



Because of its all round surface, **ACP's** 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 mounting.

### Key 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

## Performance Specifications

Parameter	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	± 2%
Centration	±3 arc minutes
Clear Aperture	80% of the edge diameter
Scratch and dig	60-40, 40-20, 20-10, or as specified
Circumference	Polished or fine grind on the sides

### Spectral Chart

