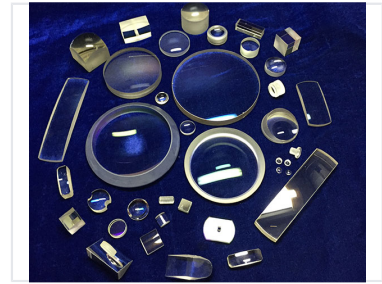


# Precision Optical Lens

Precision-engineered optical lenses are designed for various applications. Crafted from high-quality materials, these lenses ensure optimal light transmission and minimal distortion.



## Overview

### Precision Optical Components

These precision-engineered optical lenses are crafted from high-quality materials to ensure optimal light transmission and minimal distortion. Designed for demanding applications, the collection supports diverse scientific and industrial needs, including imaging systems, lasers, and scientific instruments. Each component undergoes meticulous polishing to meet stringent surface quality standards.

## Physical Specifications

### Size Range

**3 mm**

Minimum Diameter

**500 mm**

Maximum Diameter

### Precision Tolerances

| Parameter           | Tolerance |
|---------------------|-----------|
| Diameter Tolerance  | 0/-0.05mm |
| Thickness Tolerance | ±0.01mm   |
| Center Deviation    | 0.005mm   |
| Edge Finish         | 0.1-0.5mm |

## Material & Quality

### Surface Quality Standard

40-20

### Available Materials

Barium, Silicon, Zinc Selenide, Calcium Fluoride, Chemical Glass

### Surface Accuracy

1/10»

## Optical Coatings

### Coating Options

- Ultraviolet AR
- Visible AR
- Infrared AR
- Multiband AR
- Ultra Wideband AR
- Narrow band filter film
- Cut-off filter film
- Three anti-film
- Conductive film

### Antireflection Transmission Rates

| Coating Type       | Transmission (T) |
|--------------------|------------------|
| Single point       | >99.8%           |
| Ordinary broadband | >99.7%           |
| Ultra-wideband     | >99.5%           |