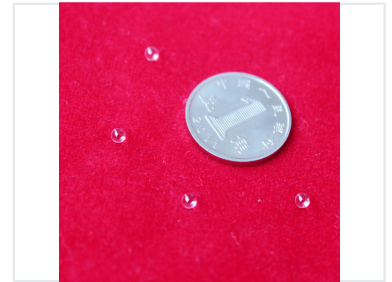


High Precision Micro Lens for Optical Instruments

This high-precision micro lens is designed for optical instruments. It features a small form factor and clear optical properties, making it suitable for applications requiring miniaturization and high-resolution imaging.



Product Overview

High Precision Micro Lens

This high precision micro lens is engineered for advanced optical instruments requiring miniaturization and exceptional clarity. Constructed from grade A optical glass or Fused Silica, it ensures minimal distortion and superior light manipulation. Designed for seamless integration into high-resolution imaging systems, this component offers reliable performance for demanding technical applications.

Physical Properties

| | |
|------------------|-------------------------------------|
| Material | Grade A Optical Glass, Fused Silica |
| Minimum Diameter | 0.8 mm |

Optical Specifications

Diameter Tolerance

| Grade | Tolerance |
|-----------|---------------|
| Standard | +0.0, -0.1mm |
| Precision | +0.0, -0.02mm |

Clear Aperture

| |
|-------------------------------|
| 85 % Clear Aperture |
|-------------------------------|

| | |
|-----------------------|-----|
| Paraxial Focal Length | 2 % |
|-----------------------|-----|

Surface Quality

| | |
|-----------------|--|
| Surface Figure | $\lambda/4$ 632.8nm |
| Surface Quality | 40-20 S/D (Standard), 10-5 (Precision) |

Mechanical Details

| | |
|-------|---------------|
| Bevel | 0.25 x 45 deg |
|-------|---------------|