

Precision Optical Lenses and Prisms

Optical lenses and prisms are crafted from high-grade optical glass. These lenses and prisms come with coatings to enhance transmission, reflection, or polarization properties.



Product Overview

Precision Optical Components

We provide a comprehensive range of high-precision optical lenses and prisms designed for demanding optical instruments. Our portfolio includes spherical, aspherical, and cylindrical lenses, alongside prisms, filters, gratings, and specialized camera optics. These components are engineered to meet rigorous standards for clarity, surface quality, and dimensional accuracy, making them ideal for laser systems, imaging devices, and scientific instrumentation.

Available Optical Components

Cylindrical Lens, Spherical Lens, Aspherical Lens, Prism, Filter Lens, Grating, Optical Window, Mirror, Camera Lens, Fisheye Lens, Wide Angle Lens, Telephoto Lens, Projector Lens

Technical Specifications

Coating

Optional

Material

BK7 or other optical materials

Surface Quality

20/10

Clear Aperture

90 %

Chamfer

0.25mm at 45 degree typical

Tolerances

Dimensional and Optical Tolerances

Parameter	Tolerance
Dimension	+0.0 to -0.1mm
Center Thickness	+/- 0.1mm
Focal Length	+/- 1%
Surface Figure	lambda/2 at 633nm (plano side)