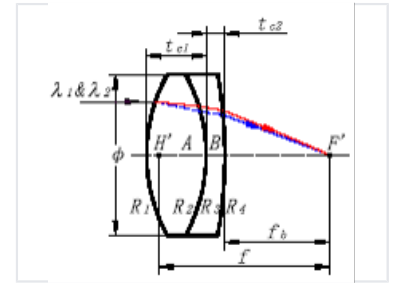
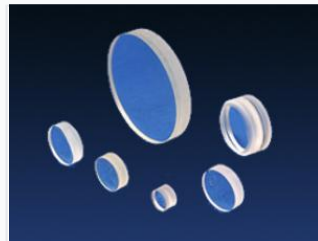
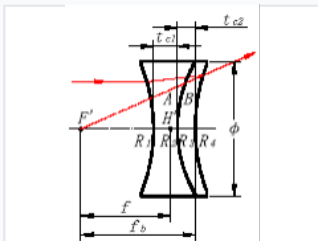


Achromatic Doublet Lens

This achromatic doublet lens maintains a consistent focal length, regardless of aperture. It delivers enhanced off-axis performance by minimizing chromatic aberration.



ADDITIONAL IMAGES



Overview

High-Precision Achromatic Doublet Lens

These achromatic doublet lenses are engineered to minimize chromatic aberration by bringing multiple wavelengths of light into a single focal point. Constructed with high-quality optical materials, they provide superior image resolution and clarity for demanding optical systems. Ideal for applications such as microscopy, laser beam manipulation, and advanced imaging, these lenses offer reliable performance across a broad spectrum.

Optical Specifications

Surface Quality

60-40 scratch-dig

Design Wavelengths

480.0 nm, 546.1 nm, 643.8 nm

Clear Aperture

80 %

Surface Irregularity

»/φper 25mm at 632.8nm

Mechanical Specifications

Diameter Range

2.0mm - 90.0mm

Diameter Tolerance

+0.0, -0.10mm

Centration

3 arc minutes

Protective Bevel

Yes

Manufacturing

Coating Options

- Single layer AR coating
- Broadband AR coating