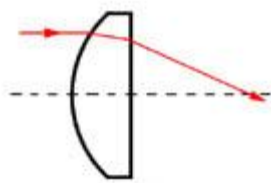
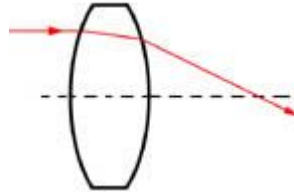


Optical Lens

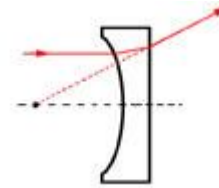
Lenses have many application ranging from the simple collection of the scanning of laser beams to precise imaging and image transfer. Lenses are classified as single lenses, cylindrical lenses and achromatic lenses according to the different applications.



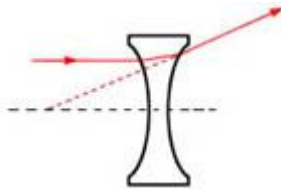
Plano convex lens



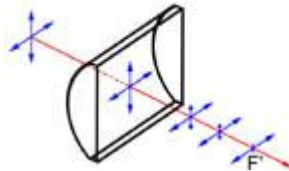
Double convex lens



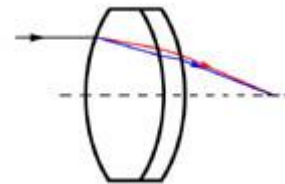
Plano concave lens



Double concave lens



Cylindrical lens



Achromatic (Doublets) lens

Specifications

Material: BK7 or UV fused silica

Design Wavelength: 546.1nm

Design Index:

BK7: 1.5183 +/- 0.0005

Fused silica: 1.46008 +/- 0.0005

Diameter Tolerance: +0.0, -0.15mm

Paraxial Focal Length: +/- 2%

Centration: < 3'

Clear Aperture: >80%

Surface Irregularity: L/4@632.8nm

Surface Quality: 60-40 scratch and dig

Protective Bevel

AR coating $R_{avg} < 0.5@400-700nm$

Custom design wavelength is available.

Other materials are available.

