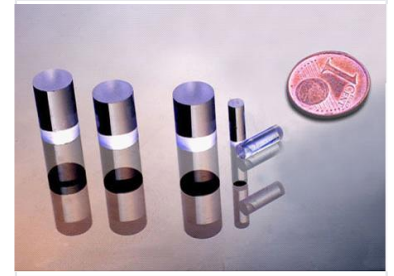


# Cylindrical Rod Lens

Rod lenses are used across medical, electronic, information, agriculture, and communication sectors. They are suitable for focusing, collimating, or redirecting light beams.



## Overview

### High-Precision Cylindrical Rod Lenses

These cylindrical rod lenses are engineered for advanced optical applications, available in either BK7 grade A optical glass or Fused Silica. Designed to manipulate light beams effectively, they are ideal for focusing, collimating, or redirecting light in laser systems, imaging devices, and scientific instruments. With options ranging from standard to precision tolerances, these lenses provide the versatility required for diverse industrial and laboratory environments.

## Physical Dimensions

Diameter Range	1.5 mm
Maximum Diameter	25 mm
Length Range	1 mm
Maximum Length	80 mm

## Tolerances & Quality

### Manufacturing Tolerances

Parameter	Standard	Precision
Diameter	+/-0.05mm	+/-0.002mm
Length	+/-0.1mm	+/-0.02mm
Surface Figure (@632.8nm)	2 lambda	lambda/4
Surface Quality (S/D)	60-40	20-10

Material Options	BK7 Grade A Optical Glass, Fused Silica
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