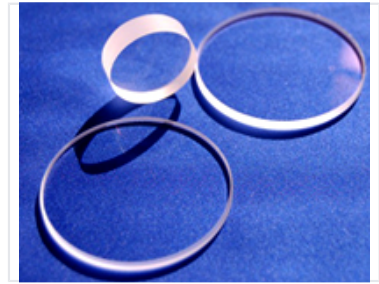


BK7 Optical Window

BK7 windows feature low distortion, low scatter, and excellent parallelism, making them suitable for both laser and non-laser applications. These windows are ideal for use in imaging systems, laser systems, and various scientific instruments where minimal distortion and high transmission are critical.



ADDITIONAL IMAGES



Product Overview

High-Performance BK7 Optical Windows

These BK7 grade A optical windows are engineered for applications requiring excellent transmission across the visible spectrum. Manufactured with high homogeneity and low bubble content, they provide superior optical clarity and minimal distortion. Available in both standard and precision grades, these windows are ideal for imaging systems, laser applications, and scientific instrumentation.

Material & Physical Properties

Material	BK7 Grade A Optical Glass
Bevel	0.25mm x 45deg
Clear Aperture	>85% of diameter

Tolerances

Diameter Tolerance	+0.0, -0.15mm
Thickness Tolerance	+/-0.2mm

Optical Performance

Performance Grades

Metric	Standard	Precision
Parallelism	<1 arc minute	<10 arc seconds
Surface Quality	60-40 scratch/dig	40-20 scratch/dig
Flatness (@632.8nm)	$\lambda/4$ per 25mm	$\lambda/10$ per 25mm
Wavefront Distortion	$\lambda/4$ per 25mm	$\lambda/10$ per 25mm