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KO | BRINGING QUALITY INTO FOCUS

Biconvex Lenses for Optical Systems

Knight Optical can offer [Biconvex Lenses](#) for use within Optical Systems.

We supply a range of Biconvex lenses for a range of applications. All individually QA checked and metrology tested for quality to ensure parts meet customer specification. Supplied in a range of sizes and shapes with custom coatings tailored to meet your individual applications.

Knight Optical supply precision optical components to customers with Optical systems. Biconvex lenses are simple lenses with a two convex surfaces, usually of the same radius and have a broad range of applications including, but not limited to, focussing and control of laser beams, moderate quality imaging and other optical instruments.

Typical specs:

Material:	N-BK7 or equivalent, UV Fused Silica, SF11 or equivalent
Dimensional Tolerances:	+/- 0.1mm
Centering:	< 3 arcminutes
Surface Quality:	< 40-20 Scratch/Dig
Surface Figure:	< 5(1) @ 633nm
Coating:	Antireflective coatings for application bandwidth (if required)

All our Biconvex Lenses are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory, using our Zygo Verifire Interferometer and Trioptics OptiSpheric/OptiCentric. This allows us to work to the highest [QA standards](#) and meet the tolerance specifications on these **precision components**.

[Contact our technical sales team](#) to discover how Knight Optical's high quality Biconvex Lenses and superior service can improve your instrumentation and supply chain experience.

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- [View our QA and metrology information](#)
- [Watch our Corporate Video](#)
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