

## Lenses for Laser Applications

LASER COMPONENTS has a large assortment of high quality lenses for laser applications. The house norm for optics with a diameter of 1.0" features a surface quality of 5/4x0.025 (scratch-dig 10-5) and a surface figure of  $\lambda/10$  where  $\lambda = 546$  nm.

Single lenses are available with concave and convex radii as well as combinations thereof. You can choose from several thousand radii. Many lenses are inexpensive and available right away because they are in stock. Custom designs are available upon request.



### Substrate Materials

The following materials are available for lenses:

- BK7
- Fused silica (also for VUV applications)
- $\text{CaF}_2$  (for the UV to NIR range)
- $\text{MgF}_2$  (for the UV to NIR range)
- Sapphire (for the Vis to IR range)
- Other materials available upon request.

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