

## Achromatic Lenses

[http://www.brdoptical.com/optical\\_spherical-lens/achromatic-cemented-triple-lens-648.html](http://www.brdoptical.com/optical_spherical-lens/achromatic-cemented-triple-lens-648.html)

BRD Optical offers a large variety of Achromatic lenses, Multiple ARcoating for UV,VIS,IR are available .

Achromatic Lenses are used to minimize or eliminate chromatic aberration. The achromatic design also helps minimize spherical aberrations. Achromatic Lenses are ideal for a range of applications, including fluorescence microscopy, image relay, inspection, or spectroscopy. An Achromatic Lens, which is often designed by either cementing two elements together or mounting the two elements in a housing, creates smaller spot sizes than comparable singlet lenses.

Here are the specifications of Achromatic lenses:

Material : Optical glass/Fused silica etc

Dimension : 5-200mm

Dimension Tolerance : +/-0.05mm +/-0.1mm

Centration:30 arcsec

Surface Quality :60/40,40/20,20/10,10/5

Surface accuracy : $\lambda/2 \sim \lambda/10$  @632.8nm, 532nm

Coating : MgF2 coating@400-700nm

Any questions please contact me :

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**1 - 6 February 2020**

**HALL D 3443**