

Products Categories

- Windows
- Prisms
- Lenses
- Beamsplitters
- Waveplates
- Polarizers
- Mirrors
- Filters
- Crystals
- Materials

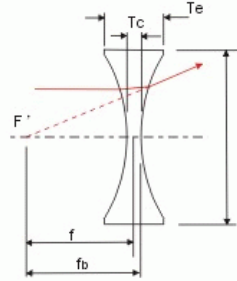
Products > Lenses > Double-Concave lenses (BK7)

Singlets

Double-Concave Lenses (N-BK7)

Specifications

Material: N-BK7
 Diameter tolerance: +/-0.1mm
 Design wavelength: 546.1nm
 Focal tolerance: +/-2%
 surface quality : 60-40 S/D
 Centration: 3 arcmin
 Surface flatness: $\lambda/4 @633nm$
 Clear aperture: 90%
 Bevel: Protective bevel



Item#	Material	Φ(mm)	F(mm)	R1(R2)(mm)	Tc(mm)	Te(mm)	Fb(mm)
LB11-12-20	BK7	12.7	-20.0	21.08	2.0	3.96	-20.64
LB11-12-30	BK7	12.7	-30.0	31.48	2.0	3.29	-30.68
LB11-12-40	BK7	12.7	-40.0	41.88	2.0	2.97	-40.70
LB11-12-50	BK7	12.7	-50.0	52.24	2.0	2.78	-50.68
LB11-25-50	BK7	25.4	-50.0	52.17	2.0	5.1	-50.7
LB11-25-75	BK7	25.4	-75.0	78.09	2.0	4.1	-75.7
LB11-25-100	BK7	25.4	-100.0	104.00	2.0	3.6	-100.7
LB11-25-150	BK7	25.4	-150.0	156.0	2.0	3.0	-151.3
LB11-25-200	BK7	25.4	-200.0	207.66	2.0	2.8	-200.7
LB11-25-250	BK7	25.4	-250.0	259.49	2.0	2.6	-250.7

- Please Inquiry -

Tel: +86 591 8733 8232
 Fax: +86 591 8733 4595
 E-mail:sales@cn-optics.com

Choose Anti-reflective Coatings

- Single layer MgF₂
- Multiple layers AR coating
 R<0.25% @ Laser line (view the curve)
 R<0.5% @ Broadband Wavelength (view the curve)

How to order Singlet Lenses?

Example:

Material: N-BK7
 Shape: Double-concave
 Diameter: $\Phi 25.4 \pm 0.1mm$
 Focal, Radius: F=+100mm, R1(R2)=104.0mm
 Thickness: Tc=2.0±0.1mm
 Surface quality: 60-40 S/D
 Flatness: $\lambda/4 @633nm$
 Centration: 3'
 Coating: AR @430--680nm, R<0.5%, AOI=0°

Price on Request

Custom Design

Volume Discount