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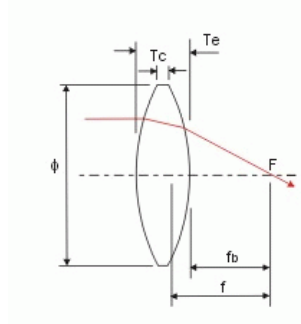
Products > Lenses > Double-Convex lenses (BK7)

**Singlets**

Double-Convex 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: λ/4 @633nm  
 Clear aperture: 90%  
 Bevel: Protective bevel



Item#	Material	Φ(mm)	F(mm)	R1(R2)(mm)	Tc(mm)	Te(mm)	Fb(mm)
LB01-12-25	BK7	12.7	25.0	25.35	3.62	2.0	23.82
LB01-12-30	BK7	12.7	30.0	30.55	3.33	2.0	28.89
LB01-12-40	BK7	12.7	40.0	41.02	2.99	2.0	39.04
LB01-12-50	BK7	12.7	50.0	51.40	2.79	2.0	49.08
LB01-12-75	BK7	12.7	75.0	77.45	2.52	2.0	74.24
LB01-12-100	BK7	12.7	100.0	103.28	2.39	2.0	99.16
LB01-25-50	BK7	25.4	50.0	50.93	5.22	2.0	48.22
LB01-25-75	BK7	25.4	75.0	77.09	4.11	2.0	73.63
LB01-25-100	BK7	25.4	100.0	103.04	3.57	2.0	98.73
LB01-25-200	BK7	25.4	200.0	207.00	2.78	2.0	199.07
LB01-25-250	BK7	25.4	250.0	258.90	2.62	2.0	249.17
LB01-25-500	BK7	25.4	500.0	508.30	2.31	2.0	499.21

**- Please Inquiry -**

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**Choose Anti-reflective Coatings**

- Single layer MgF<sub>2</sub>
- 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-convex  
 Diameter: Φ25.4±0.1mm  
 Focal, Radius: F=+100mm  
 Thickness: Tc=3.57±0.1mm  
 Surface quality: 60-40 S/D  
 Flatness: λ/4 @633nm  
 Centration: 3'  
 Coating: AR @430-680nm, R<0.5%, AOI=0°

Price on Request

Custom Design

Volume Discount