

Products Categories

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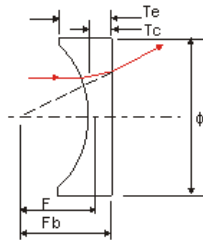
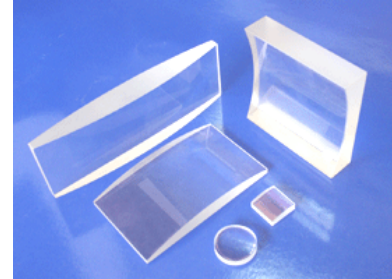
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Cylindrical Lenses

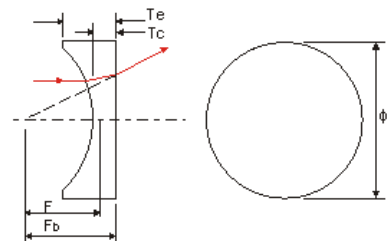
Cylindrical Plano-Concave Lenses (N-BK7)

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



Rectangular type



Circular type

- Please Inquiry -

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Item#	Material	Φ/ (HxL)	F(mm)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
LC11-Φ5-8 (Round)	BK7	Φ5.0	-8.0	-4.13	2.0	2.84	-9.34
LC11-Φ8-9.2 (Round)	BK7	Φ8.0	-9.2	-4.74	2.0	4.20	-10.53
LC11-Φ8-10 (Round)	BK7	Φ8.0	-10.0	-5.16	2.0	3.89	-11.31
LC11-Φ12-12.5 (Round)	BK7	Φ12.7	-12.5	-6.43	2.0	7.44	-13.80
LC11-Φ12-25 (Round)	BK7	Φ12.7	-25.0	-12.89	2.0	3.67	-26.33
LC11-Φ12-50 (Round)	BK7	Φ12.7	-50.0	-25.76	2.0	2.80	-51.33
LC11-Φ25-75 (Round)	BK7	Φ25.4	-75.0	-38.64	2.0	4.15	-76.34
LC11-Φ25-100 (Round)	BK7	Φ25.4	-100.0	-51.52	3.0	4.59	-102.00
LC11-Φ25-150 (Round)	BK7	Φ25.4	-150.0	-77.27	3.0	4.05	-151.99
LC11-10x10-12.7	BK7	10.0X10.0	-12.7	-6.54	2.0	4.3	-14.0
LC11-10x10-20	BK7	10.0X10.0	-20.0	-10.29	2.0	3.3	-21.1
LC11-10x10-25	BK7	10.0X10.0	-25.0	-12.87	2.0	3.0	-26.3
LC11-20x10-12.7	BK7	20.0X10.0	-12.7	-6.54	2.0	4.3	-14.0
LC11-20x10-20	BK7	20.0X10.0	-20.0	-10.29	2.0	3.3	-21.1
LC11-20x10-25	BK7	20.0X10.0	-25.0	-12.87	2.0	3.0	-26.3
LC11-20x20-50	BK7	20.0X20.0	-50.0	-25.73	2.0	4.0	-51.3
LC11-20x20-75	BK7	20.0X20.0	-75.0	-38.60	2.0	3.3	-76.3
LC11-20x20-100	BK7	20.0X20.0	-100.0	-51.47	3.0	4.0	-102.0
LC11-20x20-150	BK7	20.0X20.0	-150.0	-77.20	3.0	3.7	-152.0
LC11-20x20-200	BK7	20.0X20.0	-200.0	-102.93	3.0	3.5	-202.0
LC11-20x20-250	BK7	20.0X20.0	-250.0	-128.67	3.0	3.4	-252.0
LC11-20x20-300	BK7	20.0X20.0	-300.0	-154.40	3.0	3.3	-302.9
LC11-20x20-500	BK7	20.0X20.0	-500.0	-257.33	3.0	3.2	-502.0
LC11-40x20-50	BK7	40.0X20.0	-50.0	-25.73	2.0	4.0	-51.3
LC11-40x20-75	BK7	40.0X20.0	-75.0	-38.60	2.0	3.3	-76.3
LC11-40x20-100	BK7	40.0X20.0	-100.0	-51.47	3.0	4.0	-102.0
LC11-40x20-150	BK7	40.0X20.0	-150.0	-77.20	3.0	3.7	-152.0
LC11-40x20-200	BK7	40.0X20.0	-200.0	-102.93	3.0	3.5	-202.0
LC11-40x20-250	BK7	40.0X20.0	-250.0	-128.67	3.0	3.4	-252.0
LC11-40x20-300	BK7	40.0X20.0	-300.0	-154.40	3.0	3.3	-302.9
LC11-40x20-500	BK7	40.0X20.0	-500.0	-257.33	3.0	3.2	-502.0

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 Cylindrical Lenses?

Example:

Price on Request

Material: N-BK7
 Shape: Plano-concave
Cylindrical Lenses
 Diameter: 40x20±0.1mm
 Focal, Radius: F=+300mm, R1=154.4mm
 Thickness: Tc=3.0±0.1mm
 Surface quality: 60-40 S/D
 Flatness: λ/4 @633nm
 Centration: 3'
 Coating: AR @430--680nm, R<0.5%, AOI=0°

Custom Design

Volume Discount

