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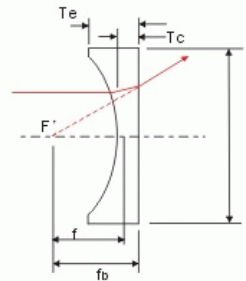
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Singlets

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: $\lambda/4$ @633nm
 Clear aperture: 90%
 Bevel: Protective bevel



Item#	Material	Φ(mm)	F(mm)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
LP11-06-10	BK7	6.0	-10.0	-5.18	2.0	2.95	-11.30
LP11-06-15	BK7	6.0	-15.0	-7.79	2.0	2.60	-16.34
LP11-06-20	BK7	6.0	-20.0	-10.37	2.0	2.44	-21.30
LP11-06-30	BK7	6.0	-30.0	-15.56	2.0	2.29	-31.32
LP11-12-20	BK7	12.7	-20.0	-10.37	2.0	4.17	-21.33
LP11-12-30	BK7	12.7	-30.0	-15.56	2.0	3.40	-31.31
LP11-12-40	BK7	12.7	-40.0	-20.75	2.0	3.00	-41.32
LP11-12-50	BK7	12.7	-50.0	-25.94	2.0	2.79	-51.33
LP11-12-75	BK7	12.7	-75.0	-38.90	2.0	2.52	-76.31
LP11-12-100	BK7	12.7	-100.0	-51.88	2.0	2.39	-101.33
LP11-18-30	BK7	18.0	-30.0	-15.56	2.0	4.86	-31.32
LP11-18-50	BK7	18.0	-50.0	-25.94	2.0	3.61	-51.33
LP11-18-75	BK7	18.0	-75.0	-38.90	2.0	3.05	-76.30
LP11-25-50	BK7	25.4	-50.0	-25.94	2.0	5.32	-51.33
LP11-25-75	BK7	25.4	-75.0	-38.90	2.0	4.13	-76.31
LP11-25-100	BK7	25.4	-100.0	-51.88	2.0	3.58	-101.33
LP11-25-150	BK7	25.4	-150.0	-77.80	2.0	3.04	-151.30
LP11-25-200	BK7	25.4	-200.0	-103.75	2.0	2.78	-201.33
LP11-25-250	BK7	25.4	-250.0	-129.72	2.0	2.62	-251.39
LP11-30-50	BK7	25.4	-50.0	-25.94	2.0	6.77	-51.33
LP11-30-75	BK7	25.4	-75.0	-38.90	2.0	5.08	-76.31
LP11-30-100	BK7	25.4	-100.0	-51.88	2.0	4.22	-101.34
LP11-30-200	BK7	30.0	-200.0	-103.75	2.0	3.09	-201.34
LP11-38-100	BK7	38.0	-100.0	-51.88	2.0	5.60	-101.34
LP11-38-200	BK7	38.0	-200.0	-103.75	2.0	3.76	-201.34
LP11-38-300	BK7	38.0	-300.0	-155.60	2.0	3.16	-301.30
LP11-50-100	BK7	50.8	-100.0	-51.88	2.0	8.64	-101.34
LP11-50-200	BK7	50.8	-200.0	-103.75	2.0	5.16	-201.34
LP11-50-300	BK7	50.8	-300.0	-155.60	2.0	4.00	-301.30
LP11-50-500	BK7	50.8	-500.0	-259.40	2.0	3.25	-501.40

- Please Inquiry -

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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:

Price on Request

Material: N-BK7
 Shape: Convex-concave
 Diameter: Φ25.4±0.1mm
 Focal, Radius: F=+100mm, R1=33.72mm, R2=90.0mm
 Thickness: Tc=3.0±0.1mm
 Surface quality: 60-40 S/D
 Flatness: $\lambda/4$ @633nm
 Centration: 3'
 Coating: AR @430-680nm, R<0.5%, AOI=0°

Custom Design

Volume Discount