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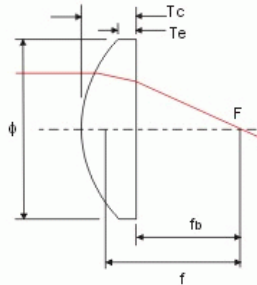
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Singlets

Plano-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)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
LP01-06-10	BK7	6.0	10.0	5.2	2.45	1.5	8.14
LP01-06-15	BK7	6.0	12.0	6.22	2.27	1.5	10.50
LP01-06-20	BK7	6.0	15.0	7.79	2.10	1.5	13.65
LP01-06-30	BK7	6.0	30.0	15.56	1.79	1.5	28.82
LP01-12-20	BK7	12.7	20.0	10.37	3.97	1.8	17.39
LP01-12-30	BK7	12.7	30.0	15.56	3.16	1.8	27.92
LP01-12-40	BK7	12.7	40.0	20.75	2.80	1.8	38.16
LP01-12-50	BK7	12.7	50.0	25.94	2.59	1.8	48.30
LP01-12-75	BK7	12.7	75.0	38.90	2.32	1.8	73.47
LP01-12-100	BK7	12.7	100.0	51.88	2.19	1.8	98.57
LP01-18-25	BK7	18.0	25.0	12.97	5.44	1.8	21.43
LP01-18-30	BK7	18.0	30.0	15.56	4.67	1.8	26.92
LP01-18-50	BK7	18.0	50.0	25.94	3.41	1.8	47.76
LP01-25-50	BK7	25.4	50.0	25.94	5.32	2.0	46.51
LP01-25-75	BK7	25.4	75.0	38.9	4.013	2.0	72.27
LP01-25-100	BK7	25.4	100.0	51.88	3.58	2.0	97.66
LP01-25-150	BK7	25.4	150.0	77.80	3.04	2.0	147.98
LP01-25-200	BK7	25.4	200.0	103.75	2.78	2.0	198.18
LP01-25-250	BK7	25.4	250.0	129.72	2.62	2.0	248.35
LP01-30-50	BK7	30.0	50.0	25.94	7.28	2.5	45.21
LP01-30-75	BK7	30.0	75.0	38.90	5.51	2.5	71.36
LP01-30-100	BK7	30.0	100.0	51.88	4.72	2.5	96.91
LP01-30-200	BK7	30.0	200.0	103.75	3.6	2.5	197.75
LP01-38-100	BK7	38.0	100.0	51.83	6.6	3.0	95.70
LP01-38-200	BK7	38.0	200.0	103.66	4.8	3.0	196.50
LP01-38-500	BK7	38.0	500.0	259.40	3.7	3.0	497.16
LP01-50-100	BK7	50.8	100.0	51.88	9.65	3.0	93.67
LP01-50-200	BK7	50.8	200.0	103.75	6.16	3.0	195.96
LP01-50-300	BK7	50.8	300.0	155.60	5.09	3.0	296.62
LP01-50-500	BK7	50.8	500.0	259.40	4.25	3.0	497.28

- 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:

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: λ/4 @633nm
 Centration: 3'
 Coating: AR @430--680nm, R<0.5%, AOI=0°

Price on Request

Custom Design

Volume Discount