



Lenses >> Plano Convex Lenses

Products

Optics

Lenses
Prisms
Beamsplitter
Cylindrical Lens
Waveplate
Polarizer
Windows
Wedges
Mirror
Aspheric Lens
Grating Substrate
Filter

Fiber Optics

Connector
Attenuator
Adaptor
Coupler
WDM
Distribution Cabinets
Heat Shrink Tube

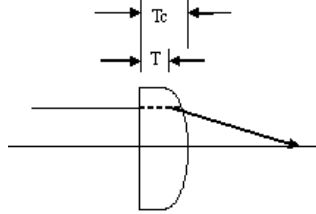
Crystal Optics

Calcite Material
ND:YV04
ND:YAG
Sapphire (Al2O3)
KTP
BBO

Semi Wafer

Glass Wafer
Silicon Wafer
Germanium Wafer
Sapphire Wafer

Material: Bk7, Fused Silica, Sapphire, Germanium, Silicon, MgF2



Specifications

Material	Bk7, (other material upon request)
Focal Length Tolerance	2%
Fringes	1-5
Fringes Irregularity	0.2-0.5
Diameter Tolerance	0/-0.15 mm
Center Thickness(Tc) Tolerance	0/-0.15 mm
Centration	3 arc minutes
Clear Aperture	90% of diameter
Surface Quality:	40-20 scratch and dig
Coating	Single-layer MgF2 AR Coated

Product List

Product No.	Diameter (mm)	Focal Length (mm)	R (mm)	Center Thickness Tc (mm)	Edge Thickness T (mm)
LPX061	6.3	25.0	12.912	1.9	1.51
LPX062	6.3	40.0	20.65	1.7	1.46
LPX063	6.3	63.0	32.51	1.7	1.55
LPX101	10.0	25.0	12.912	2.5	1.49
LPX102	10.0	31.5	16.27	2.3	1.51
LPX103	10.0	40.0	20.65	2.1	1.49
LPX104	10.0	63.0	32.51	1.9	1.51
LPX161	16.0	25.0	12.912	4.0	1.22
LPX162	16.0	31.5	16.27	3.6	1.50
LPX163	16.0	40.0	20.65	3.1	1.49
LPX164	16.0	63.0	32.51	2.5	1.50
LPX165	16.0	160.0	82.6	1.9	1.51
LPX251	25.0	25.4	13.112	11.16	2.00
LPX252	25.0	40.0	20.65	6.21	2.00
LPX253	25.0	63.0	32.51	4.0	1.50
LPX254	25.0	160.0	82.60	2.95	2.0
LPX255	25.0	500.0	258.20	2.30	2.0
LPX256	25.0	1000.0	516.4	2.15	2.0
LPX401	40.0	63.0	32.51	9.38	2.5
LPX402	40.0	160.0	82.60	4.96	2.5
LPX403	40.0	500.0	258.2	3.28	2.5
LPX501	50.0	160.0	82.60	6.87	3.0
LPX502	50.0	500.0	258.2	4.21	3.0
LPX631	63.0	160.0	82.60	9.24	3.0
LPX632	63.0	500.0	258.2	3.93	3.0
LPX633	63.0	1000.0	516.4	3.96	3.0
LPX1001	100.0	160.0	82.60	20.85	4.0
LPX1002	100.0	500.0	258.20	8.89	4.0

Note: special material and size are available upon request.

