



## Lenses >> Plano-Cylindrical Lens

### 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

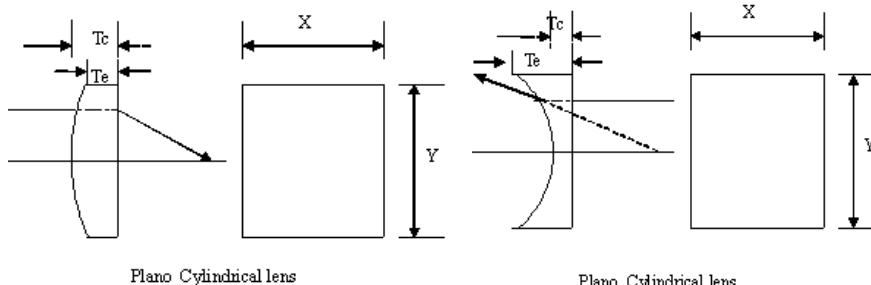
#### Crystal Optics

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

#### Semi Wafer

- Glass Wafer
- Silicon Wafer
- Germanium Wafer
- Sapphire Wafer

**Material: Bk7, Fused Silica, Germanium, Silicon, Sapphire, CaF2, MgF2**



#### Specifications

Material	Bk7, (other material upon request)
Focal Length Tolerance	2%
Dimensions Tolerance	±0.10 mm
Wedge	<1 mrad in x axis
Center Thickness(Tc) Tolerance	Plano-Convex: ±0.15 mm Plano-Concave: ±0.20 mm
Centration	3-5 arc minutes <0.1 mm deviation between mechanical and optical axes
Clear Aperture	>80% of dimensions
Surface Quality	40-20 scratch and dig
Chamfers	0.2-0.4 mm x 45°±5°

#### Product list (Positive Plano - Cylindrical Lenses)

Product No.	X x Y (mm)	Focal Length (mm)	R (mm)	Center Thickness Tc (mm)	Edge Thickness Te (mm)
LPC101	10x10	25	12.912	3.01	2.0
LPC102	20x10	25	12.912	3.01	2.0
LPC203	20x20	50	25.82	4.02	2.0
LPC204	20x20	75	38.73	3.31	2.0
LPC205	20x20	500	258.2	3.19	3.0
LPC406	40x20	50	25.82	4.02	2.0
LPC407	40x20	75	38.73	3.31	2.0
LPC408	40x20	500	258.2	3.19	3.0

#### Product list (Negative Plano - Cylindrical Lenses)

Product No.	X x Y (mm)	Focal Length (mm)	R (mm)	Center Thickness Tc (mm)	Edge Thickness Te (mm)
LNC101	10x10	-25	12.912	2.0	3.01
LNC102	20x10	-25	12.912	2.0	3.01
LNC203	20x20	-50	-25.82	2.0	4.02
LNC204	20x20	-75	-38.73	3.0	3.31
LNC205	20x20	-500	-258.2	3.0	3.19
LNC406	40x20	-50	-25.82	2.0	5.02
LNC407	40x20	-75	-38.73	3.0	4.31
LNC408	40x20	-500	-258.2	3.0	3.19

**Note: special material and size are available upon request.**

