



Lenses >> Double-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

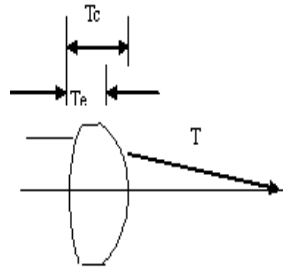
Crystal Optics

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

Semi Wafer

Glass Wafer
Silicon Wafer
Germanium Wafer
Sapphire Wafer

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



Specifications

Material	Bk7, (other material upon request)
Focal Length Tolerance	2%
Fringes	1-5
Fringes Irregularity	0.2-0.5
Diameter Tolerance	±0.10 mm
Center Thickness(Tc) Tolerance	±0.10 mm
Centration	3 arc minutes
Clear Aperture	90%
Surface Quality:	60-40 scratch and dig
Coating	Single-layer MgF2 AR Coateds

Product list

Product No.	Diameter (mm)	Focal Length f (mm)	f#	Center Thickness Tc (mm)	Edge Thickness Te (mm)
LDX611	6.0	19.0	18.1	3.0	2.5
LDX101	10.0	15.0	13.7	4.2	2.5
LDX102	10.0	30.0	28.7	3.9	3.0
LDX121	12.5	12.5	10.514	5.55	2.0
LDX122	12.7	25.4	23.7	5.0	3.4
LDX123	12.7	38.1	36.7	4.0	3.0
LDX161	16.0	16.0	13.668	6.51	2.0
LDX201	20.0	30.0	28.0	5.9	2.5
LDX202	20.0	40.0	37.9	5.0	2.5
LDX203	20.0	60.0	59.0	4.7	3.0
LDX204	20.0	75.0	73.7	4.4	3.0
LDX205	25.4	50.8	49.1	6.0	2.8
LDX206	25.4	100.0	98.5	5.0	3.4
LDX207	25.4	150.0	148.6	5.0	4.0
LDX208	25.4	175.0	172.7	5.0	4.1
LDX301	30.0	60.0	57.6	7.0	3.3
LDX302	30.0	120.0	118.7	5.0	3.2
LDX303	30.0	180.0	178.5	5.0	3.8
LDX304	30.0	250.0	248.0	5.0	4.1
LDX305	30.0	300.0	298.1	5.0	4.3
LDX381	38.1	75.0	72.9	8.0	3.2
LDX382	38.1	125.0	123.4	6.0	3.2
LDX383	38.1	200.0	197.8	5.0	3.2
LDX384	38.1	300.0	298.1	5.0	3.8
LDX401	40.0	100.0	97.0	8.0	4.0
LDX402	40.0	150.0	148.5	6.0	4.0
LDX403	40.0	250.0	247.9	5.6	4.0
LDX501	50.8	150.0	148.1	8.0	3.8
LDX502	50.8	250.0	248.8	6.0	3.5
LDX503	50.8	400.0	398.2	6.0	4.4

Note: Special material and size are available upon request.

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