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LOM Advantage:

Customer Service
 Superior Performance
 Outstanding Quality
 On-time Delivery
 Cost Effective Solutions

Infrared Lenses - Plano Convex For High and Low Power CO2 Laser Applications

| [Plano Convex Lenses](#) | [Plano Convex Dual Band Lenses](#) | [Meniscus Lenses](#) | [Aspheric Lenses](#) | [F-Theta Scan Lenses](#) |

LOM manufactures an extensive selection of high performance and precision lenses for applications ranging from high power CO2 laser cutting, welding to laser marking, medical, laser drilling and night vision systems. With significant manufacturing and engineering capability, we can custom manufacture a variety of lenses and lens assemblies to meet your specifications and OEM manufacturing requirements.

Lenses Offered:	Plano-Convex, Meniscus, Aspheric, F-Theta Scan Lenses.
Lens Diameters:	0.5" to 3.0"
Thickness:	0.20" to 0.50"
AR Coating:	<0.5% Reflectivity. Lower AR reflectivity for lenses designed for high power laser applications
Absorption:	<0.25% for most lenses. Ultra-lenses <0.15%
Surface Quality:	40-20 and 20-10 scratch-dig
Stock / Custom Configuration:	Most lenses in stock. OEM Quantities Available
Materials Offered:	CVD Zinc Selenide, FLIR ZnSe, ZnS, Germanium, Gallium Arsenide plus other materials upon request.
Coatings Technology:	Standard AR coatings, Ultra Low Absorption AR coatings, Dual Band AR.

LOM Part Number	Sort Code	Description	Diameter	Edge Thickness	Focal Length
LPCZ-0.6-0.06-1.5-1047	1047	ZnSe Plano Convex Lens	0.600"	0.060"	1.50"
LPCZ-0.6-0.06-2.0-1048	1048	ZnSe Plano Convex Lens	0.600"	0.060"	2.00"
LPCZ-0.6-0.06-2.5-1049	1049	ZnSe Plano Convex Lens	0.600"	0.060"	2.50"
LPCZ-0.6-0.06-4.0-1050	1050	ZnSe Plano Convex Lens	0.600"	0.060"	4.00"
LPCZ-0.6-0.06-5.0-1051	1051	ZnSe Plano Convex Lens	0.600"	0.060"	5.00"
0.75" Diameter Lenses					
LPCZ-0.75-0.07-1.0-1053	1053	ZnSe Plano Convex Lens	0.750"	0.070"	1.00"
LPCZ-0.75-0.07-1.5-1054	1054	ZnSe Plano Convex Lens	0.750"	0.070"	1.50"
LPCZ-0.75-0.10-1.5-1075	1075	ZnSe Plano Convex Lens	0.750"	0.100"	1.50"
LPCZ-0.75-0.07-2.0-1055	1055	ZnSe Plano Convex Lens	0.750"	0.070"	2.00"
LPCZ-0.75-0.07-2.5-1056	1056	ZnSe Plano Convex Lens	0.750"	0.070"	2.50"
LPCZ-0.75-0.07-3.0-1057	1057	ZnSe Plano Convex Lens	0.750"	0.070"	3.00"
LPCZ-0.75-0.07-3.5-1058	1058	ZnSe Plano Convex Lens	0.750"	0.070"	3.50"
LPCZ-0.75-0.07-4.0-1059	1059	ZnSe Plano Convex Lens	0.750"	0.070"	4.00"
LPCZ-0.75-0.07-5.0-1060	1060	ZnSe Plano Convex Lens	0.750"	0.070"	5.00"
LPCZ-0.75-0.07-7.5-1061	1061	ZnSe Plano Convex Lens	0.750"	0.070"	7.50"
LPCZ-0.75-0.08-2.0-1062	1062	ZnSe Plano Convex Lens	0.750"	0.080"	2.00"
LPCZ-0.75-0.12-3.0-1063	1063	ZnSe Plano Convex Lens	0.750"	0.120"	3.00"
1.0" Diameter Lenses					
LPCZ-1.00-0.08-1.0-1064	1064	ZnSe Plano Convex Lens	1.000"	0.080"	1.00"
LPCZ-1.00-0.08-1.5-1065	1065	ZnSe Plano Convex Lens	1.000"	0.080"	1.50"
LPCZ-1.00-0.08-5.0-1066	1066	ZnSe Plano Convex Lens	1.000"	0.080"	5.00"

Technical Note On Ultra Low Absorption Coating: LOM's new Ultra Low Absorption anti-reflective coatings are ideally suited for high power CO2 laser cutting up to 6kW. With absorption <0.15% and transmission >99.4% this next generation lens technology offers better power handling capability and a stable focus for high power cutting where other lenses fail to perform. Call LOM for a datasheet on our new ULTRA Lens Technology.

[Plano Convex Lenses Zinc Selenide ZnSe for Laser Cutting, Laser Marking, Medical Lasers, CO2 Application, Focusing.](#)



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