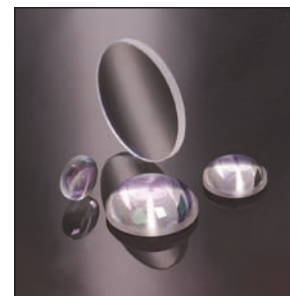


**AR
Coating
Plots
Page 663**

AR-Coated Plano-Convex and Bi-Convex Lens Kits



This kit has been assembled to provide a single solution for storing and stocking optics. Each kit contains a wide range of plano-convex and bi-convex N-BK7 lenses with either a 350 - 700 nm or a 650 - 1050 nm broadband AR coating on each lens to minimize surface reflections (see page 663 for coating curves).



Plano-Convex Lenses

ITEM #	DIAMETER (mm)	f (mm)
LA1116	6.0	10.0
LA1470	6.0	12.0
LA1222	6.0	15.0
LA1700	6.0	30.0
LA1576	9.0	12.0
LA1472	9.0	20.0
LA1540	12.7	15.0
LA1074	12.7	20.0
LA1560	12.7	25.0
LA1289	12.7	30.0
LA1304	12.7	40.0
LA1213	12.7	50.0
LA1207	12.7	100.0
LA1859	18.0	20.0
LA1270	18.0	25.0
LA1085	18.0	30.0
LA1119	18.0	50.0
LA1951	25.4	25.4
LA1805	25.4	30.0
LA1027	25.4	35.0
LA1422	25.4	40.0
LA1131	25.4	50.0
LA1134	25.4	60.0
LA1608	25.4	75.0
LA1509	25.4	100.0
LA1986	25.4	125.0
LA1433	25.4	150.0
LA1229	25.4	175.0
LA1708	25.4	200.0
LA1461	25.4	250.0
LA1484	25.4	300.0
LA1172	25.4	400.0
LA1908	25.4	500.0
LA1978	25.4	750.0
LA1464	25.4	1000.0
LA1274	30.0	40.0
LA1102	30.0	50.0
LA1765	30.0	75.0
LA1031	30.0	100.0

Plano-Convex Lenses

ITEM #	DIAMETER (mm)	f (mm)
LA1401	50.8	60.0
LA1145	50.8	75.0
LA1050	50.8	100.0
LA1384	50.8	125.0
LA1417	50.8	150.0
LA1399	50.8	175.0
LA1979	50.8	200.0
LA1301	50.8	250.0
LA1256	50.8	300.0
LA1725	50.8	400.0
LA1380	50.8	500.0
LA1727	50.8	750.0
LA1779	50.8	1000.0
LA1740	75.0	85.0
LA1238	75.0	100.0
LA1002	75.0	150.0
LA1353	75.0	200.0

Bi-Convex Lenses

ITEM #	DIAMETER (mm)	f (mm)
LB1157	6.0	10.0
LB1406	6.0	12.0
LB1494	9.0	12.0
LB1212	9.0	20.0
LB1092	12.7	15.0
LB1450	12.7	20.0
LB1014	12.7	25.0
LB1258	12.7	30.0
LB1378	12.7	40.0
LB1844	12.7	50.0
LB1187	12.7	100.0
LB1761	25.4	25.0

Bi-Convex Lenses

ITEM #	DIAMETER (mm)	f (mm)
LB1757	25.4	30.0
LB1811	25.4	35.0
LB1027	25.4	40.0
LB1471	25.4	50.0
LB1596	25.4	60.0
LB1901	25.4	75.0
LB1676	25.4	100.0
LB1904	25.4	125.0
LB1437	25.4	150.0
LB1294	25.4	175.0
LB1945	25.4	200.0
LB1056	25.4	250.0
LB1779	25.4	300.0
LB1391	25.4	400.0
LB1869	25.4	500.0
LB1475	25.4	750.0
LB1409	25.4	1000.0
LB1723	50.8	60.0
LB1309	50.8	75.0
LB1630	50.8	100.0
LB1106	50.8	125.0
LB1374	50.8	150.0
LB1607	50.8	175.0
LB1199	50.8	200.0
LB1889	50.8	250.0
LB1917	50.8	300.0
LB1862	50.8	400.0
LB1909	50.8	500.0
LB1247	50.8	750.0
LB1859	50.8	1000.0

- Contains 56 Plano-Convex Lenses and 42 Bi-Convex Lenses
- Diameters Range from 6 - 75 mm
- Focal Lengths from 10 to 1000 mm
- AR Coatings for 350-700 nm (A) or 650-1050 nm (B)
- Heavy-Duty Welded Steel Cabinet Frame

The ESK52-A and ESK52-B are lens sets containing 57 AR-coated plano-convex lenses (LA Series) and 44 AR-coated bi-convex lenses (LB Series).

Plano-convex optics are best used where one conjugate point (object distance S or image distance S') is more than five times the other. This lens shape is near best form for either focusing collimated light or collimating a point source.

Bi-convex lenses are most suitable where the object and image are on opposite sides of the lens and the ratio of the object-to-image (conjugate ratio) distance is between 0.2 and 5.0.

See Pages 668 and 676 for Detailed Specifications

**Additional
Savings Over
Buying Individual
Components**

Mount these optics using our...

Fixed Lens Mounts and Adapters

LMR05 LMR1 LMR6

See page 269

ITEM #	\$	£	€	RMB	DESCRIPTION
ESK52-A	\$ 3,107.60	£ 2,237.47	€ 2,703.61	¥ 24,767.57	Plano-Convex and Bi-Convex Lens Kit, AR-Coated: 350-700 nm
ESK52-B	\$ 3,107.60	£ 2,237.47	€ 2,703.61	¥ 24,767.57	Plano-Convex and Bi-Convex Lens Kit, AR-Coated: 650-1050 nm