

GRAFLEX MOTORIZED ZOOM LENS SELECTION CHART

Graflex Motorized, Ruggedized Zoom Lenses have a long history of quality, durability, performance and have been used in many high profile military programs including airborne gimbals, surveillance systems and weapon fire control systems. Graflex is always open to customization of any of it's lenses including enclosures, special mounts, inclusion of various parts such as boresight compensation, motors, brackets, auto/manual iris, RS232/RS422 digital control, etc., in order to meet the most difficult expectations in the most severe environmental conditions.

Zoom Ratio	Rating		LP/mm		CCD		HFOV (Degrees)		Mechanical Length @ Focus		Other Mechanical		Wt (kg)
	EFL (mm)	f Number	WA	Tele	Format	Wide	Tele	Infinity (mm)	Near (mm)	Wide (mm)	Hgt (mm)		
10X	12.0-120.0	1.8-2.2	226	181	1/2"	29.9	3.06	123.5	127.6	70.0	79.5	0.55	
					1/3"	22.6	2.29					(No Case)	
					2/3"	27.5	2.8					0.59	
10X	18.0-180.0	2.7-3.3	239	152	1/2"	20.2	2.0	128.8	132.9	70.0	79.5	(No Case)	
					1/3"	15.2	1.53						
					1"	29.9	3.0					.60	
10X	24.0-240.0	3.6-4.4	226	161	2/3"	20.8	2.1	130.0	134.1	70.0	79.5	(No Case)	
					1/2"	15.2	1.53						
					1/3"	11.4	1.19						
12X	15.0-180.0	1.9	575	383	1"	46.2	4.07	227.5	233.5	137	134	3.07	
					2/3"	32.7	2.8						
					1/2"	24.09	2.04						
12X	22.5-270.0	2.9	430	128	1/3"	18.18	1.53	232.8	238.8	137	134	3.11	
					1"	31.76	2.72						
					2/3"	22.13	1.87						
12X	30.0-360.0	3.8	288	108	1/2"	16.19	1.36	233.9	239.9	137	134	3.12	
					1/3"	12.18	1.02						
					1"	24.09	2.04						
20X	12.0-250.0	1.9-3.6	640	219	1/2"	29.9	1.47	192	198	84	93.5	1.15	
					1/3"	22.6	1.1						
20X	18.0-375.0	2.8-5.4	427	164	1/2"	20.2	0.98	197.3	203.3	84	93.5	1.19	
					1/3"	15.2	0.73						
20X	24.0-500.0	3.8-7.0	403	138	1/2"	15.2	0.73	198.5	204.5	84	93.5	1.2	
					1/3"	11.4	0.55						
20X	36-750.0	5.7-11.0	269	103	1/2"	10.2	0.49	202.6	208.6	84	93.5	1.22	
					1/3"	7.6	0.37						
27X	9.5-256.5	1.5-3.6	572	428	1/2"	37.2	1.43	216	224	88	90.5	1.39	
					1/3"	28.3	1.07					(No Case)	
					2/3"	34.3	1.3					1.43	
27X	14.2-385.0	2.2-5.2	383	285	1/2"	25.4	0.95	221.3	229.3	88	90.5	(No Case)	
					1/3"	19.1	0.7						
					1"	37.2	1.4					1.44	
27X	19.0-512.0	3.0-7.0	286	190	2/3"	26	0.98	222.5	230.5	88	90.5	(No Case)	
					1/2"	19.1	0.7						
					1/3"	14.4	0.53						
27X	28.0-770.0	4.5-10.5	190	113	1"	25.3	0.95	226.6	234.6	88	90.5	1.46	
					2/3"	17.5	0.65					(No Case)	
					1/2"	12.8	0.47						
27X	38.0-1024.0	6.0-14.0	143	84	1/3"	9.6	0.35	228.9	236.9	88	90.5	1.49	
					1"	19.1	0.71					(No Case)	
					2/3"	13.2	0.49						
31X	10.0-310.0	1.5-5.5	862	500	1/2"	36.5	1.18	238.5	244.5	100	111	1.89	
					1/3"	27	0.89						
					2/3"	32.7	1.08						
31X	15.0-465.0	2.3-5.5	512	297	1/2"	24.1	0.79	245.5	251.5	100	111	1.94	
					1/3"	18.2	0.59						
					1"	35.3	1.18						
31X	20.0-620.0	3.0-7.4	431	222	2/3"	24.8	0.81	249.9	255.9	100	111	1.97	
					1/2"	18.2	0.59						
					1/3"	13.7	0.44						
31X	30.0-930.0	4.5-11.0	256	117	1"	24.1	0.79	252.5	258.5	100	111	2.00	
					2/3"	16.7	0.54						
					1/2"	12.2	0.39						
35X	10.0-350.0	1.5-4.0	543	313	1/3"	9.1	0.3	241.9	247.6	100	111	1.9	
					1/2"	36.3	1.05						
					1"	26.7	0.79						
35X	15.0-525.0	2.25-6.1	406	165	2/3"	33.5	0.95	247.2	252.9	100	111	1.94	
					1/2"	24.8	0.7						
					1/3"	18.6	0.52						
35X	20.0-700.0	3.0-8.0	342	124	1"	36.3	1.05	248.4	254.1	100	111	1.95	
					2/3"	25.4	0.73						
					1/2"	18.6	0.52						
35X	30.0-1050.0	4.5-12.2	228	52	1/3"	13.4	0.4	252.5	258.2	100	111	1.97	
					1"	24.8	0.7						
					2/3"	17.1	0.48						
62X	12.5-775.0	3.5-7.7	307	178	1/2"	28.7	0.47	367.5	367.5	135	135	5.3	
					1/3"	21.74	0.36						
					2/3"	26.48	0.43						
62X	18.7-1162.0	5.0-11.6	206	119	1/2"	19.42	0.32	372.8	372.8	135	135	5.34	
					1/3"	10.97	0.24						
					1"	28.72	0.47						
62X	25.5.0-1550.0	7.0-15.5	172	112	2/3"	19.96	0.33	374.0	374.0	135	135	5.35	
					1/2"	14.59	0.24						
					1/3"	10.37	0.16						

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