

# IR CUT FILTER

## Filter Type

Thread Dia. x Pitch (mm)	C-Mount	M22.5 x0.5	M25.5 x0.5	M27 x0.5	M30.5 x0.5	M34 x0.5	M35.5 x0.5	M37 x0.75	M37.5 x0.5	M40.5 x0.5	M43 x0.75	M46 x0.75	M49 x0.75	M52 x0.75	M55 x0.75	M58 x0.75	M62 x0.75
External $\phi$	25.4	24	27.5	29	32.5	36	37	39	39.5	42	45	48	51	54	57	60	65
Aperture $\phi$	19.5	18.5	21	23	26.5	30	31.5	33	19.5	36	39.5	41.5	44.5	47.5	50.5	53.5	57.5

Thread Dia. x Pitch (mm)	M67.0 x0.75	M68.0 x0.75	M72.0 x0.75	M77.0 x0.75	M82.0 x0.75	M86.0 x0.75	M95.0 x1.0	M105 x1.0
External $\phi$	70	70	75	80	85	90	99	109
Aperture $\phi$	63.2	63.2	67.7	73	78.8	80	90	100



UV&IR CUT Transmission Data(Typical)

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
400	83.690291	640	91.740144	880	0.190317
410	88.014234	650	91.318888	890	0.110139
420	89.498171	660	90.927252	900	0.074837
430	87.808015	670	89.157193	910	0.067955
440	90.200139	680	91.350989	920	0.107914
450	90.381646	690	90.888796	930	0.017899
460	89.158753	700	75.056026	940	0.06358
470	91.022555	710	35.450937	950	0.045868
480	90.960958	720	16.761459	960	0.145225
490	91.279107	730	7.142195	970	0.356598
500	90.502215	740	2.589406	980	0.229953
510	90.946877	750	1.272668	990	0.023193
520	91.392441	760	0.885244	1000	0.014329
530	91.775316	770	0.61057	1010	0.02477
540	91.08017	780	0.334807	1020	0.076369
550	91.698753	790	0.201995	1030	0.005833
560	91.748897	800	0.169507	1040	0.101142
570	90.839861	810	0.182572	1050	0.263035
580	91.763162	820	0.168314	1060	0.600063
590	91.526261	830	0.105932	1070	0.825073
600	91.830106	840	0.077804	1080	0.752657
610	91.283224	850	0.078255	1090	0.593315
620	91.736823	860	0.058729	1100	0.547428
630	91.507553	870	0.147978		

