

# BANDPASS FILTER

## Filter Type

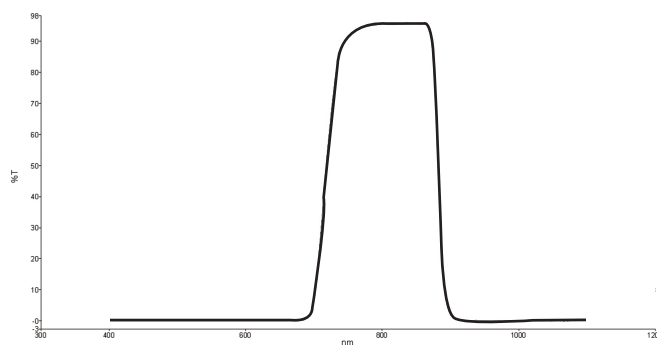
Thread Dia.× Pitch (mm)	C-Mount	M22.5 ×0.5	M25.5 ×0.5	M27 ×0.5	M30.5 ×0.5	M34 ×0.5	M35.5 ×0.5	M37 ×0.75	M37.5 ×0.5	M40.5 ×0.5	M43 ×0.75	M46 ×0.75	M49 ×0.75	M52 ×0.75	M55 ×0.75	M58 ×0.75	M62 ×0.75
External $\phi$	25.4	24	27.5	29	32.5	36	37	39	39.5	42	45	48	51	54	57	60	65
Aperture $\phi$	19.5	18.5	21	23	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.× Pitch (mm)	M67.0 ×0.75	M68.0 ×0.75	M72.0 ×0.75	M77.0 ×0.75	M82.0 ×0.75	M86.0 ×0.75	M95.0 ×1.0	M105 ×1.0
External $\phi$	70	70	75	80	85	90	99	109
Aperture $\phi$	63.2	63.2	67.7	73	78.8	80	90	100



BP800 Transmission Data(Typical)

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
400	0.010458	630	0.003212	860	95.792683
410	0.009824	640	0.001366	870	93.396359
420	0.007041	650	0.001355	880	61.760428
430	0.009417	660	0.011646	890	13.703807
440	0.008841	670	0.053015	900	2.134709
450	0.006444	680	0.165849	910	0.594386
460	0.006911	690	0.896486	920	0.171706
470	0.01166	700	7.016021	930	0.014709
480	0.008989	710	28.518624	940	0.046047
490	0.00574	720	55.129864	950	0.014876
500	0.005709	730	76.102698	960	0.029931
510	0.008038	740	87.486833	970	0.040016
520	0.008319	750	91.533792	980	0.006899
530	0.00929	760	93.359852	990	0.026202
540	0.009119	770	94.362016	1000	0.094994
550	0.006927	780	94.932978	1010	0.05131
560	0.008385	790	95.291051	1020	0.050382
570	0.007894	800	95.51852	1030	0
580	0.007224	810	95.471555	1040	0.039255
590	0.00606	820	95.528281	1050	0.014142
600	0.007684	830	95.663274	1060	0.0779
610	0.004411	840	95.782063	1070	0.041174
620	0.003	850	95.736709	1080	0.101648
				1090	0.014295



Blocking: > OD3  
FWHM: 100nm(±5nm)