

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 ϕ	25.4	24	27.5	29	32.5	36	37	39	39.5	42	45	48	51	54	57	60	65
Aperture ϕ	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 ϕ	70	70	75	80	85	90	99	109
Aperture ϕ	63.2	63.2	67.7	73	78.8	80	90	100



BP850 Transmission Data(Typical)

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
400	0.005561	640	0.021771	880	0.208318
410	0.0017	650	0.139449	890	0.106823
420	0.004791	660	0.084042	900	0.033797
430	0.081672	670	0.030682	910	0.035373
440	0.006403	680	0.228014	920	0.01255
450	0.164784	690	0.180747	930	0.115475
460	0.223118	700	0.060053	940	0.215659
470	0.024626	710	0.09759	950	0.124059
480	0.114437	720	0.218345	960	0.096984
490	0.02496	730	0.186678	970	0.104819
500	0.004155	740	0.332423	980	0.092111
510	0.161428	750	0.086916	990	0.072332
520	0.085689	760	0.088791	1000	0.058666
530	0.010296	770	0.206594	1010	0.053334
540	0.004243	780	0.377389	1020	0.106416
550	0.010373	790	0.173265	1030	0.167953
560	0.003905	800	0.056448	1040	0.244944
570	0.001588	810	0.074951	1050	0.227778
580	0.004744	820	0.338034	1060	0.144641
590	0.003029	830	6.617092	1070	0.201601
600	0.074379	840	84.078241	1080	0.130183
610	0.127757	850	90.94369	1090	0.193715
620	0.048058	860	46.277572	1100	0.258978
630	0.142124	870	2.750757		

