

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



BP950 Transmission Data(Typical)

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
400	0.000237	640	0.002085	880	0.714062
410	0.001534	650	0.000878	890	1.955999
420	0.001292	660	0.00011	900	7.600416
430	0.000701	670	0.001317	910	30.006015
440	0.001397	680	0.001866	920	67.681739
450	0	690	0.001318	930	91.157587
460	0.002651	700	0.002196	940	96.290806
470	0.001026	710	0.000329	950	96.556337
480	0.001582	720	0.002196	960	96.344735
490	0.001934	730	0.003071	970	93.893515
500	0.000681	740	0.002959	980	77.46219
510	0.00045	750	0.004051	990	42.609283
520	0.001115	760	0.005906	1000	14.002763
530	0.000886	770	0.005027	1010	3.59866
540	0.000884	780	0.033862	1020	1.114425
550	0.002651	790	0.007533	1030	0.428308
560	0.001769	800	0.003819	1040	0.201045
570	0.000329	810	0.004591	1050	0.125651
580	0.001316	820	0.003832	1060	0.088259
590	0.002412	830	0.011219	1070	0.062559
600	0.000877	840	0.020516	1080	0.047178
610	0.000987	850	0.035625	1090	0.03791
620	0.001316	860	0.035119	1100	0.036802
630	0.001755	870	0.352936		

