

BANDPASS FILTER

Filter Type

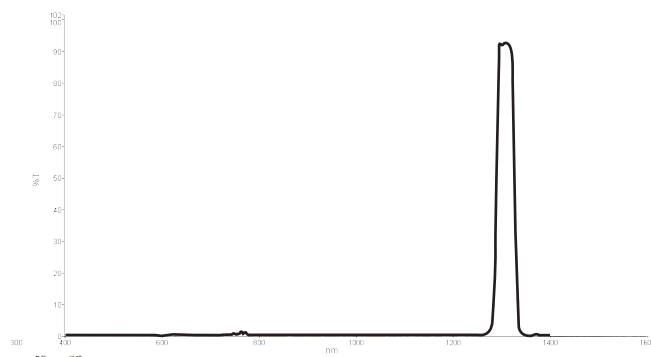
| Thread Dia.× Pitch (mm) | C-Mount | M22.5 ×0.5 | M25.5 ×0.5 | M27 ×0.5 | M30.5 ×0.5 | M34 ×0.5 | M35.5 ×0.5 | M37 ×0.75 | M37.5 ×0.5 | M40.5 ×0.5 | M43 ×0.75 | M46 ×0.75 | M49 ×0.75 | M52 ×0.75 | M55 ×0.75 | M58 ×0.75 | M62 ×0.75 |
|-------------------------|---------|------------|------------|----------|------------|----------|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 |



BP1300 Transmission Data(Typical)

| wavelength (nm) | transmission (%) | wavelength (nm) | transmission (%) | wavelength (nm) | transmission (%) | wavelength (nm) | transmission (%) |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 400 | 0.016 | 660 | 0.004 | 920 | 0.032 | 1180 | 0.030 |
| 410 | 0.011 | 670 | 0.029 | 930 | 0.010 | 1190 | 0.025 |
| 420 | 0.009 | 680 | 0.052 | 940 | 0.030 | 1200 | 0.008 |
| 430 | 0.008 | 690 | 0.002 | 950 | 0.064 | 1210 | 0.024 |
| 440 | 0.008 | 700 | 0.047 | 960 | 0.028 | 1220 | 0.031 |
| 450 | 0.007 | 710 | 0.052 | 970 | 0.004 | 1230 | 0.014 |
| 460 | 0.005 | 720 | 0.106 | 980 | 0.005 | 1240 | 0.126 |
| 470 | 0.005 | 730 | 0.218 | 990 | 0.038 | 1250 | 0.015 |
| 480 | 0.007 | 740 | 0.166 | 1000 | 0.097 | 1260 | 0.089 |
| 490 | 0.005 | 750 | 0.439 | 1010 | 0.046 | 1270 | 0.651 |
| 500 | 0.003 | 760 | 0.706 | 1020 | 0.043 | 1280 | 4.444 |
| 510 | 0.004 | 770 | 0.654 | 1030 | 0.078 | 1290 | 74.742 |
| 520 | 0.004 | 780 | 0.024 | 1040 | 0.021 | 1300 | 92.247 |
| 530 | 0.004 | 790 | 0.001 | 1050 | 0.065 | 1310 | 92.665 |
| 540 | 0.002 | 800 | 0.004 | 1060 | 0.001 | 1320 | 83.917 |
| 550 | 0.000 | 810 | 0.005 | 1070 | 0.015 | 1330 | 10.251 |
| 560 | 0.006 | 820 | 0.002 | 1080 | 0.035 | 1340 | 0.714 |
| 570 | 0.002 | 830 | 0.011 | 1090 | 0.063 | 1350 | 0.037 |
| 580 | 0.000 | 840 | 0.053 | 1100 | 0.018 | 1360 | 0.032 |
| 590 | 0.002 | 850 | 0.025 | 1110 | 0.010 | 1370 | 0.454 |
| 600 | 0.003 | 860 | 0.030 | 1120 | 0.020 | 1380 | 0.301 |
| 610 | 0.002 | 870 | 0.005 | 1130 | 0.008 | 1390 | 0.191 |
| 620 | 0.007 | 880 | 0.054 | 1140 | 0.044 | 1400 | 0.137 |
| 630 | 0.001 | 890 | 0.025 | 1150 | 0.016 | | |
| 640 | 0.005 | 900 | 0.033 | 1160 | 0.013 | | |
| 650 | 0.005 | 910 | 0.043 | 1170 | 0.033 | | |



Blocking: > OD3
FWHM: 20nm(±5nm)