

Surface mount Band Pass Filter

CBP-5800AG+

Typical Performance Data

| FREQ. | INSERTION LOSS | INPUT RETURN LOSS | OUTPUT RETURN LOSS |
|-------|----------------|-------------------|--------------------|
| (MHz) | (dB) | (dB) | (dB) |
| 10 | 88.88 | 0.02 | 0.01 |
| 20 | 107.33 | 0.03 | 0.02 |
| 50 | 81.03 | 0.04 | 0.04 |
| 100 | 80.79 | 0.07 | 0.08 |
| 250 | 75.41 | 0.16 | 0.16 |
| 500 | 70.55 | 0.20 | 0.19 |
| 1000 | 67.23 | 0.18 | 0.16 |
| 1500 | 67.49 | 0.18 | 0.16 |
| 2000 | 72.16 | 0.26 | 0.23 |
| 2500 | 84.50 | 0.32 | 0.29 |
| 3000 | 71.01 | 0.33 | 0.31 |
| 3500 | 61.97 | 0.34 | 0.31 |
| 4000 | 54.03 | 0.39 | 0.35 |
| 4500 | 47.18 | 0.51 | 0.44 |
| 5000 | 40.35 | 0.74 | 0.67 |
| 5100 | 37.30 | 0.83 | 0.76 |
| 5200 | 31.38 | 0.97 | 0.89 |
| 5300 | 19.48 | 1.35 | 1.34 |
| 5350 | 9.80 | 2.84 | 3.17 |
| 5400 | 3.53 | 9.87 | 13.23 |
| 5450 | 4.02 | 5.84 | 6.09 |
| 5500 | 3.04 | 7.93 | 8.46 |
| 5550 | 2.10 | 13.60 | 15.96 |
| 5600 | 1.86 | 15.78 | 17.35 |
| 5650 | 1.83 | 14.56 | 15.00 |
| 5700 | 1.74 | 15.96 | 16.79 |
| 5725 | 1.68 | 17.95 | 19.42 |
| 5800 | 1.69 | 25.19 | 27.01 |
| 5850 | 1.92 | 15.85 | 17.57 |
| 5875 | 2.15 | 12.89 | 15.08 |
| 5925 | 3.29 | 7.32 | 8.80 |
| 6000 | 8.96 | 2.19 | 2.54 |
| 6050 | 14.13 | 1.29 | 1.44 |
| 6100 | 18.95 | 0.99 | 1.06 |
| 6120 | 20.71 | 0.92 | 0.99 |
| 6150 | 23.16 | 0.86 | 0.92 |
| 6200 | 26.76 | 0.80 | 0.85 |
| 6250 | 29.73 | 0.78 | 0.81 |
| 6260 | 30.26 | 0.77 | 0.80 |
| 6500 | 36.46 | 0.77 | 0.78 |
| 7000 | 38.38 | 1.04 | 0.85 |
| 7300 | 37.98 | 1.41 | 0.99 |
| 7500 | 37.97 | 1.72 | 1.16 |
| 8000 | 33.04 | 2.27 | 2.01 |
| 8500 | 25.66 | 3.40 | 4.17 |
| 9000 | 28.93 | 3.09 | 5.04 |
| 9500 | 33.40 | 1.40 | 1.79 |
| 10000 | 39.86 | 0.98 | 1.12 |
| 10500 | 42.16 | 0.96 | 1.07 |
| 11000 | 35.07 | 1.09 | 1.22 |
| 11500 | 29.29 | 1.51 | 1.92 |
| 12000 | 28.38 | 1.83 | 1.58 |
| 12500 | 41.45 | 1.23 | 1.25 |
| 13000 | 28.69 | 1.35 | 1.57 |
| 13500 | 24.45 | 1.61 | 2.15 |
| 14000 | 23.08 | 2.19 | 3.19 |
| 14500 | 24.27 | 4.79 | 5.69 |
| 15000 | 25.46 | 4.42 | 2.32 |
| 16400 | 18.29 | 4.98 | 2.85 |
| 18000 | 24.10 | 5.10 | 2.14 |

| FREQ. | GROUP DELAY |
|-------|-------------|
| (MHz) | (ns) |
| 5650 | 2.34 |
| 5655 | 2.33 |
| 5660 | 2.32 |
| 5665 | 2.32 |
| 5670 | 2.31 |
| 5675 | 2.31 |
| 5680 | 2.31 |
| 5685 | 2.31 |
| 5690 | 2.31 |
| 5695 | 2.31 |
| 5700 | 2.31 |
| 5705 | 2.31 |
| 5710 | 2.31 |
| 5715 | 2.32 |
| 5720 | 2.32 |
| 5725 | 2.33 |
| 5730 | 2.33 |
| 5735 | 2.34 |
| 5740 | 2.34 |
| 5745 | 2.35 |
| 5750 | 2.36 |
| 5755 | 2.36 |
| 5760 | 2.37 |
| 5765 | 2.38 |
| 5770 | 2.39 |
| 5775 | 2.40 |
| 5780 | 2.40 |
| 5785 | 2.41 |
| 5790 | 2.42 |
| 5795 | 2.43 |
| 5800 | 2.44 |
| 5805 | 2.46 |
| 5810 | 2.47 |
| 5815 | 2.48 |
| 5820 | 2.49 |
| 5825 | 2.51 |
| 5830 | 2.52 |
| 5835 | 2.54 |
| 5840 | 2.56 |
| 5845 | 2.58 |
| 5850 | 2.60 |
| 5855 | 2.63 |
| 5860 | 2.66 |
| 5865 | 2.69 |
| 5870 | 2.72 |
| 5875 | 2.75 |
| 5880 | 2.78 |
| 5885 | 2.82 |
| 5890 | 2.86 |
| 5895 | 2.90 |
| 5900 | 2.93 |
| 5905 | 2.97 |
| 5910 | 3.00 |
| 5915 | 3.03 |
| 5920 | 3.06 |
| 5925 | 3.08 |
| 5930 | 3.09 |
| 5935 | 3.10 |
| 5940 | 3.09 |
| 5945 | 3.08 |



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