

Ceramic Band Pass Filter

BFCN-3085+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 10 | 60.29 | 0.05 | 2800 | 0.86 |
| 50 | 75.03 | 0.05 | 2820 | 0.85 |
| 100 | 74.29 | 0.04 | 2830 | 0.84 |
| 200 | 68.17 | 0.02 | 2840 | 0.83 |
| 300 | 65.42 | 0.00 | 2850 | 0.82 |
| 400 | 62.43 | 0.02 | 2860 | 0.82 |
| 500 | 59.20 | 0.03 | 2870 | 0.81 |
| 600 | 56.55 | 0.05 | 2880 | 0.80 |
| 700 | 53.99 | 0.08 | 2890 | 0.79 |
| 800 | 51.12 | 0.11 | 2900 | 0.79 |
| 900 | 48.25 | 0.14 | 2920 | 0.76 |
| 1000 | 45.39 | 0.17 | 2930 | 0.75 |
| 1500 | 31.70 | 0.32 | 2940 | 0.74 |
| 1750 | 25.22 | 0.40 | 2950 | 0.73 |
| 1900 | 21.31 | 0.46 | 2960 | 0.73 |
| 2000 | 18.63 | 0.49 | 2970 | 0.72 |
| 2100 | 15.92 | 0.62 | 2980 | 0.71 |
| 2200 | 13.16 | 0.82 | 2990 | 0.71 |
| 2300 | 10.22 | 1.16 | 3000 | 0.70 |
| 2400 | 7.40 | 1.95 | 3010 | 0.70 |
| 2450 | 5.95 | 2.50 | 3020 | 0.70 |
| 2500 | 4.62 | 3.37 | 3030 | 0.69 |
| 2570 | 3.02 | 5.42 | 3040 | 0.69 |
| 2600 | 2.50 | 6.74 | 3050 | 0.69 |
| 2700 | 1.33 | 14.67 | 3060 | 0.69 |
| 2800 | 1.11 | 21.03 | 3070 | 0.68 |
| 2900 | 1.31 | 12.20 | 3080 | 0.68 |
| 3000 | 1.51 | 9.47 | 3090 | 0.68 |
| 3050 | 1.60 | 8.86 | 3100 | 0.68 |
| 3085 | 1.63 | 8.76 | 3120 | 0.68 |
| 3200 | 1.61 | 9.13 | 3130 | 0.68 |
| 3300 | 1.48 | 10.78 | 3140 | 0.68 |
| 3350 | 1.40 | 12.43 | 3150 | 0.68 |
| 3400 | 1.35 | 14.88 | 3160 | 0.69 |
| 3500 | 1.47 | 19.79 | 3180 | 0.69 |
| 3600 | 2.25 | 9.92 | 3190 | 0.70 |
| 3700 | 4.22 | 4.74 | 3200 | 0.70 |
| 3800 | 7.48 | 2.44 | 3220 | 0.71 |
| 3900 | 11.94 | 1.43 | 3230 | 0.71 |
| 4000 | 17.57 | 0.97 | 3240 | 0.72 |
| 4100 | 25.29 | 0.83 | 3250 | 0.72 |
| 4200 | 36.25 | 0.76 | 3260 | 0.73 |
| 4250 | 35.69 | 0.76 | 3280 | 0.74 |
| 4300 | 32.67 | 0.74 | 3290 | 0.74 |
| 4400 | 29.58 | 0.72 | 3300 | 0.75 |
| 4500 | 29.01 | 0.70 | 3320 | 0.76 |
| 5000 | 38.48 | 0.62 | 3330 | 0.77 |
| 5300 | 56.71 | 0.57 | 3340 | 0.78 |
| 5500 | 46.94 | 0.57 | 3350 | 0.79 |
| 6000 | 33.27 | 0.61 | 3360 | 0.80 |
| 6500 | 34.15 | 0.70 | 3370 | 0.81 |
| 7000 | 30.98 | 0.89 | 3380 | 0.82 |
| 7500 | 27.29 | 1.00 | 3390 | 0.83 |
| 7800 | 25.70 | 1.05 | 3400 | 0.83 |

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