

**Ceramic Bandpass Filter & Balun BBFCG2-362+**

*Typical Performance Data*

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | AMPLITUDE UNBALANCE (dB) | PHASE UNBALANCE (deg.) |
|-----------------|---------------------|------------------|--------------------------|------------------------|
| 10              | 72.66               | 0.10             | 1.56                     | 72.45                  |
| 100             | 55.91               | 0.08             | 0.96                     | 0.58                   |
| 1000            | 35.31               | 0.04             | 1.68                     | 2.54                   |
| 1500            | 30.96               | 0.05             | 7.92                     | 26.71                  |
| 2000            | 28.39               | 0.14             | 2.13                     | 104.28                 |
| 2498            | 34.68               | 0.46             | 9.79                     | 104.34                 |
| 2598            | 44.04               | 0.62             | 7.13                     | 160.75                 |
| 2700            | 33.89               | 0.94             | 0.46                     | 39.01                  |
| 3150            | 1.97                | 19.65            | 1.58                     | 6.70                   |
| 3200            | 1.76                | 15.48            | 1.51                     | 7.20                   |
| 3250            | 1.71                | 13.24            | 1.44                     | 7.54                   |
| 3300            | 1.73                | 12.09            | 1.36                     | 7.76                   |
| 3350            | 1.77                | 11.55            | 1.27                     | 7.87                   |
| 3400            | 1.80                | 11.40            | 1.18                     | 7.93                   |
| 3450            | 1.81                | 11.51            | 1.09                     | 7.97                   |
| 3500            | 1.79                | 11.82            | 1.01                     | 7.97                   |
| 3550            | 1.76                | 12.25            | 0.93                     | 7.91                   |
| 3600            | 1.70                | 12.82            | 0.84                     | 7.81                   |
| 3650            | 1.63                | 13.57            | 0.76                     | 7.74                   |
| 3700            | 1.56                | 14.47            | 0.69                     | 7.65                   |
| 3750            | 1.49                | 15.61            | 0.62                     | 7.54                   |
| 3800            | 1.43                | 17.12            | 0.56                     | 7.40                   |
| 3850            | 1.39                | 19.32            | 0.50                     | 7.25                   |
| 3920            | 1.38                | 24.86            | 0.44                     | 7.06                   |
| 3950            | 1.39                | 28.46            | 0.42                     | 6.97                   |
| 4000            | 1.45                | 26.21            | 0.38                     | 6.80                   |
| 4200            | 2.41                | 9.53             | 0.33                     | 6.06                   |
| 4400            | 5.12                | 3.72             | 0.42                     | 5.44                   |
| 4600            | 9.45                | 1.57             | 0.71                     | 5.29                   |
| 4800            | 14.60               | 0.82             | 1.30                     | 6.49                   |
| 5000            | 20.18               | 0.51             | 2.44                     | 10.47                  |
| 5200            | 26.21               | 0.33             | 4.71                     | 20.61                  |
| 5400            | 33.02               | 0.19             | 9.55                     | 50.61                  |
| 5500            | 36.93               | 0.13             | 12.28                    | 92.37                  |
| 5700            | 46.94               | 0.03             | 6.06                     | 172.14                 |
| 6000            | 51.48               | 0.08             | 2.06                     | 152.98                 |
| 6200            | 47.79               | 0.14             | 5.98                     | 132.82                 |
| 6400            | 46.47               | 0.18             | 8.90                     | 97.03                  |
| 6500            | 46.20               | 0.19             | 8.69                     | 69.46                  |
| 7000            | 45.97               | 0.16             | 11.58                    | 1.59                   |
| 8000            | 46.43               | 0.22             | 4.47                     | 177.37                 |
| 8500            | 47.46               | 0.53             | 2.70                     | 175.25                 |
| 9000            | 48.75               | 0.57             | 1.88                     | 173.27                 |
| 9500            | 49.55               | 0.22             | 1.63                     | 172.05                 |
| 9848            | 49.76               | 0.08             | 1.46                     | 171.30                 |
| 10000           | 49.61               | 0.21             | 1.44                     | 171.10                 |