

# Coaxial Band Pass Filter(Constant Impedance) BIF-60+

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | RETURN<br>LOSS<br>(dB) | FREQUENCY<br>(MHz) | GROUP<br>DELAY<br>(nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 1.0                | 35.25                     | 50.90                  | 1.0                | 0.036                    |
| 1.6                | 31.45                     | 46.70                  | 1.6                | 0.385                    |
| 2.1                | 28.84                     | 43.80                  | 2.1                | 2.704                    |
| 2.7                | 26.81                     | 41.80                  | 2.7                | 2.564                    |
| 3.2                | 25.18                     | 40.00                  | 3.2                | 1.978                    |
| 3.8                | 23.80                     | 38.60                  | 3.8                | 3.449                    |
| 4.0                | 23.37                     | 37.90                  | 3.9                | 2.820                    |
| 10.7               | 14.83                     | 29.00                  | 7.3                | 2.963                    |
| 14.0               | 12.40                     | 26.60                  | 10.7               | 3.244                    |
| 20.0               | 9.15                      | 23.60                  | 14.0               | 3.331                    |
| 26.0               | 6.66                      | 21.40                  | 15.0               | 3.511                    |
| 32.0               | 4.65                      | 20.20                  | 22.8               | 3.863                    |
| 38.0               | 3.00                      | 19.90                  | 30.5               | 4.455                    |
| 50.0               | 0.75                      | 24.50                  | 38.2               | 5.190                    |
| 56.4               | 0.27                      | 31.00                  | 38.9               | 5.236                    |
| 61.9               | 0.26                      | 31.00                  | 50.4               | 6.121                    |
| 67.3               | 0.54                      | 23.70                  | 51.3               | 6.127                    |
| 92.0               | 3.08                      | 18.00                  | 54.0               | 6.168                    |
| 94.0               | 3.30                      | 17.90                  | 56.9               | 6.165                    |
| 142.7              | 7.76                      | 20.30                  | 58.9               | 6.001                    |
| 191.3              | 11.04                     | 21.40                  | 62.0               | 5.775                    |
| 240.0              | 13.71                     | 22.50                  | 64.2               | 5.461                    |
| 260.0              | 14.71                     | 22.90                  | 67.6               | 5.045                    |
| 306.7              | 17.09                     | 23.50                  | 70.0               | 4.715                    |
| 353.3              | 19.45                     | 23.60                  | 71.2               | 4.566                    |
| 400.0              | 22.02                     | 23.70                  | 90.7               | 2.549                    |
| 425.0              | 23.50                     | 23.70                  | 92.3               | 2.464                    |
| 450.0              | 25.09                     | 23.50                  | 142.1              | 1.039                    |
| 475.0              | 26.76                     | 23.40                  | 190.5              | 0.715                    |
| 500.0              | 28.43                     | 23.10                  | 238.5              | 0.552                    |

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