

Coaxial Band Pass Filter (Constant Impedance)

NIF-60

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 1.00 | 35.25 | 50.90 | 1.0 | 0.036 |
| 1.60 | 31.45 | 46.70 | 1.6 | 0.385 |
| 2.10 | 28.84 | 43.80 | 2.1 | 2.704 |
| 2.70 | 26.81 | 41.80 | 2.7 | 2.564 |
| 3.20 | 25.18 | 40.00 | 3.2 | 1.978 |
| 3.80 | 23.80 | 38.60 | 3.8 | 3.449 |
| 4.00 | 23.37 | 37.90 | 3.9 | 2.820 |
| 10.70 | 14.83 | 29.00 | 7.3 | 2.963 |
| 14.00 | 12.40 | 26.60 | 10.7 | 3.244 |
| 20.00 | 9.15 | 23.60 | 14.0 | 3.331 |
| 26.00 | 6.66 | 21.40 | 15.0 | 3.511 |
| 32.00 | 4.65 | 20.20 | 22.8 | 3.863 |
| 38.00 | 3.00 | 19.90 | 30.5 | 4.455 |
| 50.00 | 0.75 | 24.50 | 38.2 | 5.190 |
| 56.40 | 0.27 | 31.00 | 38.9 | 5.236 |
| 61.90 | 0.26 | 31.00 | 50.4 | 6.121 |
| 67.30 | 0.54 | 23.70 | 51.3 | 6.127 |
| 92.00 | 3.08 | 18.00 | 54.0 | 6.168 |
| 94.00 | 3.30 | 17.90 | 56.9 | 6.165 |
| 142.70 | 7.76 | 20.30 | 58.9 | 6.001 |
| 191.30 | 11.04 | 21.40 | 62.0 | 5.775 |
| 240.00 | 13.71 | 22.50 | 64.2 | 5.461 |
| 260.00 | 14.71 | 22.90 | 67.6 | 5.045 |
| 306.70 | 17.09 | 23.50 | 70.0 | 4.715 |
| 353.30 | 19.45 | 23.60 | 71.2 | 4.566 |
| 400.00 | 22.02 | 23.70 | 90.7 | 2.549 |
| 425.00 | 23.50 | 23.70 | 92.3 | 2.464 |
| 450.00 | 25.09 | 23.50 | 142.1 | 1.039 |
| 475.00 | 26.76 | 23.40 | 190.5 | 0.715 |
| 500.00 | 28.43 | 23.10 | 238.5 | 0.552 |

REV. X1
NIF-60
060725

Page 1 of 1



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