

Coaxial Band Pass Filter (Elliptic Response) NBP-21.4+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 0.5 | 71.63 | 0.10 | 3.0 | 1.719 |
| 1.0 | 60.77 | 0.10 | 3.1 | 6.056 |
| 1.5 | 57.59 | 0.10 | 7.3 | 11.010 |
| 2.0 | 54.26 | 0.10 | 11.4 | 16.139 |
| 2.5 | 51.03 | 0.10 | 15.6 | 142.895 |
| 3.0 | 48.32 | 0.10 | 16.1 | 85.576 |
| 4.0 | 44.25 | 0.10 | 16.4 | 67.524 |
| 7.8 | 33.81 | 0.10 | 17.3 | 80.808 |
| 11.7 | 27.91 | 0.20 | 17.9 | 138.773 |
| 15.5 | 34.76 | 0.40 | 18.8 | 137.539 |
| 16.0 | 30.17 | 0.60 | 19.2 | 129.275 |
| 16.8 | 14.18 | 1.20 | 19.5 | 118.671 |
| 17.9 | 5.30 | 4.80 | 19.8 | 107.675 |
| 19.2 | 1.05 | 21.10 | 20.5 | 90.324 |
| 20.2 | 0.95 | 16.70 | 21.3 | 80.937 |
| 21.4 | 0.86 | 20.40 | 21.6 | 78.721 |
| 22.2 | 0.85 | 22.90 | 22.4 | 78.107 |
| 25.3 | 1.90 | 11.10 | 23.2 | 82.720 |
| 26.0 | 4.97 | 5.20 | 23.6 | 86.828 |
| 27.0 | 10.74 | 2.40 | 24.8 | 98.805 |
| 28.0 | 19.34 | 1.40 | 25.3 | 100.146 |
| 29.0 | 33.39 | 1.10 | 26.2 | 95.668 |
| 30.0 | 30.79 | 0.90 | 26.6 | 87.074 |
| 63.3 | 36.27 | 0.30 | 28.0 | 25.106 |
| 80.0 | 41.42 | 0.30 | 29.0 | 49.929 |
| 100.0 | 47.07 | 0.30 | 30.0 | 64.699 |
| 325.0 | 54.13 | 0.30 | 47.0 | 3.795 |
| 550.0 | 53.01 | 0.30 | 63.1 | 1.797 |
| 775.0 | 50.30 | 0.30 | 79.0 | 1.341 |
| 1000.0 | 47.08 | 0.30 | 80.4 | 1.116 |

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