

Coaxial High Pass Filter

SHP-200+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 10.0 | 71.62 | 0.06 | 75.0 | 2.93 |
| 50.0 | 87.09 | 0.13 | 80.0 | 3.81 |
| 70.0 | 73.00 | 0.10 | 90.0 | 2.71 |
| 75.0 | 68.35 | 0.09 | 100.0 | 3.03 |
| 100.0 | 47.05 | 0.14 | 104.0 | 3.20 |
| 104.0 | 44.06 | 0.17 | 112.0 | 3.36 |
| 120.0 | 32.62 | 0.28 | 120.0 | 3.87 |
| 130.0 | 25.74 | 0.35 | 130.0 | 4.68 |
| 140.0 | 18.90 | 0.52 | 140.0 | 6.03 |
| 150.0 | 12.10 | 0.97 | 150.0 | 8.41 |
| 160.0 | 5.88 | 2.57 | 160.0 | 11.87 |
| 170.0 | 1.99 | 7.68 | 170.0 | 12.82 |
| 180.0 | 0.82 | 18.19 | 180.0 | 10.02 |
| 190.0 | 0.61 | 22.52 | 190.0 | 7.56 |
| 200.0 | 0.55 | 21.35 | 200.0 | 6.12 |
| 250.0 | 0.35 | 39.59 | 250.0 | 3.28 |
| 300.0 | 0.28 | 30.67 | 300.0 | 2.20 |
| 350.0 | 0.28 | 21.24 | 350.0 | 1.64 |
| 400.0 | 0.31 | 17.13 | 400.0 | 1.28 |
| 450.0 | 0.34 | 15.39 | 450.0 | 1.05 |
| 500.0 | 0.35 | 14.65 | 500.0 | 0.90 |
| 550.0 | 0.35 | 14.43 | 550.0 | 0.79 |
| 600.0 | 0.34 | 14.54 | 600.0 | 0.70 |
| 650.0 | 0.34 | 14.83 | 650.0 | 0.63 |
| 700.0 | 0.32 | 15.30 | 700.0 | 0.59 |
| 750.0 | 0.30 | 15.75 | 750.0 | 0.55 |
| 800.0 | 0.29 | 16.38 | 800.0 | 0.52 |
| 850.0 | 0.28 | 17.03 | 850.0 | 0.49 |
| 900.0 | 0.27 | 17.76 | 900.0 | 0.47 |
| 950.0 | 0.26 | 18.50 | 950.0 | 0.45 |
| 1000.0 | 0.25 | 19.27 | 1000.0 | 0.44 |
| 1050.0 | 0.25 | 20.08 | 1050.0 | 0.42 |
| 1100.0 | 0.25 | 20.89 | 1100.0 | 0.41 |
| 1150.0 | 0.25 | 21.74 | 1150.0 | 0.41 |
| 1200.0 | 0.25 | 22.44 | 1200.0 | 0.39 |
| 1250.0 | 0.25 | 23.33 | 1250.0 | 0.38 |
| 1300.0 | 0.26 | 24.09 | 1300.0 | 0.38 |
| 1350.0 | 0.25 | 24.69 | 1350.0 | 0.37 |
| 1400.0 | 0.25 | 25.43 | 1400.0 | 0.36 |
| 2000.0 | 0.31 | 27.03 | 2000.0 | 0.33 |
| 2500.0 | 0.38 | 22.80 | 2500.0 | 0.32 |
| 3000.0 | 0.51 | 17.33 | 3000.0 | 0.32 |
| 3500.0 | 0.71 | 13.99 | 3500.0 | 0.31 |
| 4000.0 | 1.30 | 15.38 | 4000.0 | 0.28 |
| 4500.0 | 0.82 | 13.81 | 4500.0 | 0.33 |
| 5000.0 | 1.07 | 17.59 | 5000.0 | 0.44 |
| 6000.0 | 7.01 | 9.50 | 6000.0 | 0.68 |
| 6500.0 | 5.14 | 8.26 | 6500.0 | 0.59 |
| 7000.0 | 9.94 | 12.55 | 7000.0 | 2.03 |
| 7500.0 | 5.92 | 11.52 | 7500.0 | 0.81 |
| 8000.0 | 1.97 | 16.44 | 8000.0 | 0.50 |
| 8500.0 | 4.00 | 5.66 | 8500.0 | 0.11 |
| 9000.0 | 4.99 | 10.63 | 9000.0 | 0.26 |
| 9500.0 | 7.06 | 13.60 | 9500.0 | 0.83 |
| 10000.0 | 7.73 | 9.44 | 10000.0 | 0.79 |

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