

Coaxial High Pass Filter

SHP-300+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 10.0 | 70.05 | 0.11 | 100.0 | 1.52 |
| 100.0 | 67.77 | 0.08 | 125.0 | 1.84 |
| 125.0 | 56.38 | 0.14 | 150.0 | 2.14 |
| 150.0 | 45.47 | 0.17 | 160.0 | 2.25 |
| 160.0 | 41.15 | 0.18 | 164.0 | 2.29 |
| 164.0 | 39.43 | 0.18 | 170.0 | 2.45 |
| 170.0 | 36.88 | 0.19 | 180.0 | 2.69 |
| 180.0 | 32.65 | 0.21 | 190.0 | 2.94 |
| 190.0 | 28.46 | 0.26 | 200.0 | 3.32 |
| 200.0 | 24.28 | 0.33 | 205.0 | 3.56 |
| 205.0 | 22.20 | 0.38 | 208.0 | 3.72 |
| 208.0 | 20.94 | 0.41 | 209.0 | 3.78 |
| 209.0 | 20.52 | 0.42 | 210.0 | 3.84 |
| 210.0 | 20.10 | 0.44 | 220.0 | 4.59 |
| 220.0 | 15.91 | 0.61 | 225.0 | 5.09 |
| 225.0 | 13.82 | 0.75 | 228.0 | 5.44 |
| 229.0 | 12.16 | 0.91 | 229.0 | 5.56 |
| 230.0 | 11.75 | 0.96 | 230.0 | 5.69 |
| 234.0 | 10.13 | 1.20 | 234.0 | 6.22 |
| 235.0 | 9.74 | 1.27 | 235.0 | 6.36 |
| 250.0 | 4.46 | 3.58 | 250.0 | 8.29 |
| 254.0 | 3.41 | 4.76 | 254.0 | 8.48 |
| 256.0 | 2.96 | 5.48 | 256.0 | 8.49 |
| 258.0 | 2.56 | 6.28 | 258.0 | 8.43 |
| 260.0 | 2.21 | 7.17 | 260.0 | 8.32 |
| 264.0 | 1.64 | 9.22 | 264.0 | 7.96 |
| 268.0 | 1.25 | 11.65 | 268.0 | 7.49 |
| 270.0 | 1.09 | 13.02 | 270.0 | 7.23 |
| 274.0 | 0.87 | 16.07 | 274.0 | 6.70 |
| 300.0 | 0.49 | 23.84 | 300.0 | 4.35 |
| 400.0 | 0.32 | 32.34 | 400.0 | 2.02 |
| 500.0 | 0.27 | 27.26 | 500.0 | 1.31 |
| 600.0 | 0.27 | 22.13 | 600.0 | 0.97 |
| 700.0 | 0.27 | 20.48 | 700.0 | 0.77 |
| 800.0 | 0.27 | 20.41 | 800.0 | 0.65 |
| 900.0 | 0.27 | 21.41 | 900.0 | 0.57 |
| 1000.0 | 0.26 | 23.11 | 1000.0 | 0.52 |
| 1500.0 | 0.29 | 39.65 | 1500.0 | 0.39 |
| 2000.0 | 0.35 | 34.07 | 2000.0 | 0.35 |
| 2500.0 | 0.41 | 31.42 | 2500.0 | 0.34 |
| 3000.0 | 0.50 | 22.01 | 3000.0 | 0.33 |
| 3500.0 | 0.65 | 18.06 | 3500.0 | 0.32 |
| 4000.0 | 0.80 | 16.07 | 4000.0 | 0.33 |
| 4500.0 | 1.04 | 20.93 | 4500.0 | 0.35 |
| 5000.0 | 0.85 | 22.17 | 5000.0 | 0.34 |
| 5500.0 | 0.94 | 42.54 | 5500.0 | 0.34 |
| 6000.0 | 1.32 | 17.52 | 6000.0 | 0.39 |
| 6500.0 | 4.15 | 13.88 | 6500.0 | 0.28 |
| 7000.0 | 4.22 | 10.14 | 7000.0 | 0.50 |
| 7500.0 | 13.68 | 5.58 | 7500.0 | 0.66 |
| 8000.0 | 15.55 | 3.09 | 8000.0 | 0.56 |
| 8500.0 | 17.67 | 4.69 | 8500.0 | 4.38 |
| 9000.0 | 18.72 | 3.76 | 9000.0 | 0.52 |
| 9500.0 | 12.78 | 3.33 | 9500.0 | 1.01 |
| 11000.0 | 8.02 | 9.67 | 11000.0 | 0.35 |

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