

Typical Performance Data

| FREQ. (MHz) | INSERTION LOSS | | | INPUT RETURN LOSS | | | OUTPUT RETURN LOSS | | |
|--------------------|----------------|--------|--------|-------------------|--------|--------|--------------------|--------|--------|
| | (dB) | | | (dB) | | | (dB) | | |
| | @-40°C | @+25°C | @+85°C | @-40°C | @+25°C | @+85°C | @-40°C | @+25°C | @+85°C |
| 1 | 99.57 | 97.70 | 101.54 | 0.04 | 0.05 | 0.04 | 0.05 | 0.05 | 0.05 |
| 5 | 101.12 | 104.99 | 97.82 | 0.05 | 0.05 | 0.04 | 0.04 | 0.05 | 0.05 |
| 25 | 101.66 | 97.85 | 103.80 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| 50 | 107.84 | 102.32 | 96.35 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 |
| 100 | 98.36 | 95.03 | 103.08 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 |
| 250 | 105.37 | 97.05 | 114.98 | 0.00 | 0.01 | 0.01 | 0.01 | 0.03 | 0.03 |
| 500 | 90.60 | 91.55 | 91.31 | 0.01 | 0.02 | 0.02 | 0.08 | 0.12 | 0.12 |
| 750 | 85.29 | 83.94 | 82.18 | 0.01 | 0.05 | 0.05 | 0.18 | 0.24 | 0.25 |
| 1000 | 74.86 | 75.93 | 74.38 | 0.04 | 0.09 | 0.09 | 0.22 | 0.30 | 0.31 |
| 1250 | 71.68 | 71.69 | 71.42 | 0.09 | 0.14 | 0.15 | 0.16 | 0.24 | 0.27 |
| 1500 | 53.22 | 53.14 | 53.06 | 0.16 | 0.23 | 0.24 | 0.13 | 0.23 | 0.26 |
| 1550 | 46.62 | 46.41 | 46.48 | 0.19 | 0.26 | 0.28 | 0.16 | 0.26 | 0.29 |
| 1600 | 38.56 | 38.45 | 38.29 | 0.21 | 0.29 | 0.31 | 0.21 | 0.32 | 0.36 |
| 1630 | 33.55 | 33.42 | 33.22 | 0.24 | 0.33 | 0.35 | 0.27 | 0.39 | 0.43 |
| 1650 | 29.97 | 29.82 | 29.62 | 0.27 | 0.36 | 0.39 | 0.32 | 0.45 | 0.49 |
| 1700 | 20.00 | 19.83 | 19.57 | 0.43 | 0.55 | 0.60 | 0.63 | 0.78 | 0.85 |
| 1725 | 14.38 | 14.21 | 13.94 | 0.68 | 0.83 | 0.92 | 1.05 | 1.25 | 1.36 |
| 1750 | 8.54 | 8.42 | 8.17 | 1.51 | 1.75 | 1.94 | 2.25 | 2.57 | 2.82 |
| 1780 | 3.17 | 3.21 | 3.16 | 5.18 | 5.65 | 6.05 | 7.01 | 7.70 | 8.32 |
| 1800 | 1.74 | 1.86 | 1.91 | 9.18 | 9.69 | 10.01 | 11.61 | 12.42 | 12.87 |
| 2000 | 0.59 | 0.73 | 0.79 | 22.38 | 23.48 | 23.45 | 20.74 | 21.34 | 20.99 |
| 2250 | 0.55 | 0.69 | 0.75 | 17.34 | 17.21 | 17.57 | 18.75 | 18.81 | 19.48 |
| 2500 | 0.66 | 0.83 | 0.89 | 16.08 | 16.06 | 16.35 | 15.98 | 15.99 | 16.28 |
| 2600 | 1.31 | 1.58 | 1.75 | 10.07 | 9.81 | 9.45 | 10.36 | 10.09 | 9.75 |
| 2635 | 3.24 | 3.63 | 3.89 | 4.19 | 4.11 | 3.97 | 4.60 | 4.57 | 4.45 |
| 2750 | 15.25 | 15.63 | 15.88 | 0.34 | 0.44 | 0.46 | 0.57 | 0.72 | 0.77 |
| 2800 | 20.05 | 20.37 | 20.59 | 0.19 | 0.29 | 0.31 | 0.37 | 0.52 | 0.57 |
| 2850 | 24.34 | 24.63 | 24.83 | 0.13 | 0.23 | 0.25 | 0.26 | 0.41 | 0.47 |
| 2900 | 28.18 | 28.42 | 28.63 | 0.09 | 0.20 | 0.22 | 0.20 | 0.35 | 0.40 |
| 2950 | 31.95 | 32.20 | 32.38 | 0.07 | 0.18 | 0.20 | 0.18 | 0.32 | 0.37 |
| 3000 | 35.01 | 35.16 | 35.44 | 0.06 | 0.17 | 0.19 | 0.14 | 0.28 | 0.32 |
| 3200 | 45.96 | 46.20 | 46.02 | 0.03 | 0.15 | 0.18 | 0.06 | 0.20 | 0.25 |
| 3250 | 49.28 | 49.37 | 49.05 | 0.03 | 0.14 | 0.18 | 0.06 | 0.19 | 0.23 |
| 3300 | 49.38 | 49.40 | 49.44 | 0.02 | 0.14 | 0.18 | 0.04 | 0.18 | 0.22 |
| 3350 | 48.95 | 50.28 | 51.27 | 0.06 | 0.20 | 0.23 | 0.04 | 0.18 | 0.22 |
| 3400 | 60.75 | 59.64 | 60.77 | 0.01 | 0.13 | 0.17 | 0.03 | 0.17 | 0.21 |
| 3450 | 61.68 | 62.05 | 63.37 | 0.00 | 0.13 | 0.18 | 0.02 | 0.16 | 0.20 |
| 3500 | 64.70 | 63.21 | 63.70 | 0.00 | 0.13 | 0.19 | 0.02 | 0.15 | 0.19 |
| 3600 | 60.64 | 60.57 | 61.39 | 0.00 | 0.14 | 0.18 | 0.01 | 0.15 | 0.18 |
| 3650 | 62.81 | 62.45 | 64.36 | 0.01 | 0.14 | 0.19 | 0.00 | 0.14 | 0.17 |
| 3750 | 65.08 | 75.98 | 65.08 | 0.05 | 0.16 | 0.26 | 0.00 | 0.13 | 0.15 |
| 3800 | 72.35 | 74.07 | 74.96 | 0.02 | 0.17 | 0.23 | 0.00 | 0.13 | 0.16 |
| 3900 | 84.68 | 85.68 | 93.51 | 0.03 | 0.19 | 0.25 | 0.01 | 0.12 | 0.14 |
| 4000 | 71.02 | 70.48 | 70.18 | 0.09 | 0.24 | 0.32 | 0.01 | 0.12 | 0.14 |
| 4100 | 47.29 | 48.20 | 46.91 | 0.70 | 1.02 | 1.18 | 0.01 | 0.12 | 0.13 |
| 4200 | 41.69 | 41.99 | 42.37 | 0.80 | 0.95 | 0.98 | 0.02 | 0.10 | 0.12 |
| 4300 | 40.05 | 40.03 | 39.85 | 0.69 | 0.92 | 1.08 | 0.02 | 0.11 | 0.13 |
| 4400 | 31.59 | 32.00 | 32.31 | 9.86 | 10.83 | 10.38 | 0.04 | 0.10 | 0.11 |
| 4500 | 38.54 | 38.76 | 39.06 | 0.84 | 1.00 | 1.06 | 0.04 | 0.09 | 0.11 |
| 4600 | 42.38 | 42.06 | 43.16 | 0.32 | 0.51 | 0.57 | 0.05 | 0.09 | 0.10 |
| 4700 | 41.66 | 42.16 | 42.32 | 0.25 | 0.40 | 0.51 | 0.05 | 0.08 | 0.10 |
| 4800 | 41.38 | 41.27 | 42.45 | 0.17 | 0.34 | 0.40 | 0.05 | 0.09 | 0.11 |
| 4900 | 41.70 | 41.49 | 41.03 | 0.20 | 0.35 | 0.41 | 0.03 | 0.10 | 0.12 |
| 5000 | 42.91 | 44.65 | 43.19 | 0.13 | 0.30 | 0.35 | 0.06 | 0.09 | 0.15 |
| 5100 | 40.28 | 39.63 | 40.75 | 0.16 | 0.32 | 0.34 | 0.04 | 0.12 | 0.16 |
| 5200 | 43.55 | 40.26 | 43.47 | 0.15 | 0.32 | 0.33 | 0.02 | 0.21 | 0.18 |
| 5500 | 37.41 | 38.90 | 39.61 | 0.11 | 0.26 | 0.30 | 0.13 | 0.25 | 0.27 |
| 5750 | 51.87 | 50.66 | 53.99 | 0.10 | 0.27 | 0.32 | 0.08 | 0.09 | 0.13 |
| 5800 | 52.26 | 55.40 | 55.91 | 0.09 | 0.26 | 0.30 | 0.08 | 0.11 | 0.15 |
| 6000 | 46.95 | 45.86 | 45.65 | 0.08 | 0.28 | 0.34 | 0.08 | 0.25 | 0.31 |

Typical Performance Data

| FREQ. (MHz) | GROUP DELAY | | |
|--------------------|-------------|--------|--------|
| | (nsec) | | |
| | @-40°C | @+25°C | @+85°C |
| 2000 | 2.22 | 2.21 | 2.19 |
| 2010 | 2.18 | 2.17 | 2.16 |
| 2020 | 2.15 | 2.14 | 2.13 |
| 2030 | 2.12 | 2.11 | 2.09 |
| 2040 | 2.08 | 2.07 | 2.06 |
| 2050 | 2.05 | 2.04 | 2.02 |
| 2060 | 2.02 | 2.01 | 2.00 |
| 2070 | 1.99 | 1.98 | 1.97 |
| 2080 | 1.96 | 1.95 | 1.94 |
| 2090 | 1.94 | 1.92 | 1.91 |
| 2100 | 1.91 | 1.90 | 1.88 |
| 2110 | 1.89 | 1.88 | 1.86 |
| 2120 | 1.87 | 1.86 | 1.85 |
| 2130 | 1.85 | 1.84 | 1.83 |
| 2140 | 1.83 | 1.82 | 1.81 |
| 2150 | 1.82 | 1.80 | 1.79 |
| 2160 | 1.80 | 1.79 | 1.78 |
| 2170 | 1.79 | 1.77 | 1.77 |
| 2180 | 1.78 | 1.77 | 1.76 |
| 2190 | 1.77 | 1.76 | 1.75 |
| 2200 | 1.76 | 1.75 | 1.74 |
| 2210 | 1.76 | 1.75 | 1.74 |
| 2220 | 1.75 | 1.74 | 1.73 |
| 2230 | 1.75 | 1.73 | 1.73 |
| 2240 | 1.74 | 1.73 | 1.72 |
| 2250 | 1.73 | 1.72 | 1.72 |
| 2260 | 1.73 | 1.72 | 1.71 |
| 2270 | 1.73 | 1.72 | 1.71 |
| 2280 | 1.73 | 1.72 | 1.71 |
| 2290 | 1.72 | 1.71 | 1.71 |
| 2300 | 1.72 | 1.72 | 1.71 |
| 2310 | 1.72 | 1.72 | 1.71 |
| 2320 | 1.72 | 1.72 | 1.71 |
| 2330 | 1.73 | 1.72 | 1.71 |
| 2340 | 1.73 | 1.72 | 1.72 |
| 2350 | 1.74 | 1.73 | 1.72 |
| 2360 | 1.74 | 1.73 | 1.73 |
| 2370 | 1.75 | 1.74 | 1.73 |
| 2380 | 1.76 | 1.75 | 1.74 |
| 2390 | 1.77 | 1.76 | 1.75 |
| 2400 | 1.78 | 1.76 | 1.76 |
| 2410 | 1.79 | 1.78 | 1.77 |
| 2420 | 1.80 | 1.78 | 1.78 |
| 2430 | 1.81 | 1.80 | 1.79 |
| 2440 | 1.82 | 1.81 | 1.80 |
| 2450 | 1.83 | 1.82 | 1.82 |
| 2460 | 1.85 | 1.84 | 1.83 |
| 2470 | 1.86 | 1.86 | 1.85 |
| 2480 | 1.89 | 1.88 | 1.88 |
| 2490 | 1.91 | 1.91 | 1.91 |
| 2500 | 1.95 | 1.94 | 1.95 |