

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 |
| 100.0 | 103.54 | 114.08 | 120.55 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 120.0 | 102.04 | 96.45 | 100.78 | 0.05 | 0.05 | 0.06 | 0.05 | 0.06 | 0.06 |
| 140.0 | 110.17 | 111.47 | 103.81 | 0.06 | 0.06 | 0.07 | 0.06 | 0.07 | 0.07 |
| 180.0 | 103.37 | 96.36 | 94.51 | 0.07 | 0.07 | 0.08 | 0.07 | 0.08 | 0.08 |
| 200.0 | 101.29 | 100.54 | 105.06 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| 260.0 | 104.05 | 137.29 | 98.20 | 0.09 | 0.09 | 0.10 | 0.09 | 0.09 | 0.10 |
| 300.0 | 103.63 | 96.48 | 101.84 | 0.09 | 0.10 | 0.11 | 0.09 | 0.10 | 0.10 |
| 340.0 | 98.67 | 93.49 | 103.12 | 0.10 | 0.10 | 0.11 | 0.09 | 0.10 | 0.11 |
| 380.0 | 105.56 | 101.20 | 110.51 | 0.10 | 0.11 | 0.11 | 0.09 | 0.10 | 0.11 |
| 420.0 | 94.89 | 105.62 | 93.88 | 0.10 | 0.11 | 0.12 | 0.09 | 0.11 | 0.11 |
| 460.0 | 117.16 | 110.76 | 102.67 | 0.10 | 0.11 | 0.12 | 0.09 | 0.11 | 0.11 |
| 500.0 | 102.66 | 99.72 | 100.94 | 0.10 | 0.11 | 0.12 | 0.09 | 0.11 | 0.11 |
| 540.0 | 96.09 | 110.06 | 102.33 | 0.10 | 0.11 | 0.12 | 0.09 | 0.10 | 0.11 |
| 580.0 | 100.95 | 101.50 | 105.80 | 0.10 | 0.11 | 0.13 | 0.09 | 0.11 | 0.11 |
| 620.0 | 94.19 | 106.96 | 109.62 | 0.10 | 0.12 | 0.13 | 0.09 | 0.11 | 0.12 |
| 660.0 | 95.30 | 104.94 | 95.29 | 0.09 | 0.11 | 0.12 | 0.08 | 0.10 | 0.11 |
| 700.0 | 100.11 | 100.87 | 100.13 | 0.09 | 0.11 | 0.12 | 0.08 | 0.10 | 0.12 |
| 740.0 | 99.29 | 102.01 | 100.18 | 0.10 | 0.11 | 0.13 | 0.08 | 0.10 | 0.12 |
| 820.0 | 94.92 | 99.13 | 100.07 | 0.09 | 0.11 | 0.12 | 0.08 | 0.10 | 0.11 |
| 870.0 | 95.32 | 93.77 | 95.37 | 0.11 | 0.13 | 0.16 | 0.10 | 0.13 | 0.15 |
| 888.0 | 62.02 | 59.52 | 56.92 | 0.23 | 0.28 | 0.34 | 0.22 | 0.27 | 0.33 |
| 895.0 | 34.49 | 30.30 | 25.80 | 0.61 | 0.83 | 1.13 | 0.59 | 0.81 | 1.13 |
| 895.5 | 31.85 | 27.41 | 22.64 | 0.69 | 0.95 | 1.35 | 0.66 | 0.94 | 1.36 |
| 896.0 | 29.05 | 24.35 | 19.30 | 0.79 | 1.12 | 1.68 | 0.76 | 1.11 | 1.70 |
| 900.0 | 4.07 | 3.08 | 2.87 | 12.08 | 24.05 | 28.34 | 12.82 | 31.08 | 27.16 |
| 902.0 | 2.30 | 2.31 | 2.38 | 27.59 | 35.97 | 25.25 | 23.17 | 27.87 | 23.56 |
| 902.5 | 2.18 | 2.22 | 2.32 | 33.81 | 28.95 | 25.28 | 25.07 | 26.47 | 22.88 |
| 908.5 | 1.74 | 1.91 | 2.09 | 32.23 | 31.43 | 34.98 | 39.35 | 41.95 | 34.33 |
| 909.0 | 1.75 | 1.92 | 2.11 | 31.01 | 30.38 | 33.19 | 41.86 | 35.44 | 31.75 |
| 915.0 | 2.09 | 2.46 | 2.97 | 30.33 | 28.84 | 23.63 | 28.72 | 28.18 | 22.67 |
| 916.5 | 2.44 | 3.10 | 4.61 | 26.07 | 29.38 | 13.49 | 25.42 | 23.62 | 13.09 |
| 917.0 | 2.64 | 3.65 | 6.42 | 28.74 | 18.64 | 7.91 | 25.01 | 17.28 | 7.85 |
| 920.0 | 14.71 | 20.80 | 26.27 | 2.13 | 1.55 | 1.29 | 2.28 | 1.64 | 1.35 |
| 923.0 | 33.89 | 38.26 | 42.19 | 0.78 | 0.76 | 0.73 | 0.84 | 0.80 | 0.77 |
| 929.0 | 59.28 | 61.98 | 64.74 | 0.39 | 0.41 | 0.42 | 0.39 | 0.42 | 0.43 |
| 950.0 | 97.12 | 99.74 | 97.02 | 0.17 | 0.19 | 0.21 | 0.16 | 0.19 | 0.20 |
| 1000.0 | 104.28 | 97.05 | 102.93 | 0.11 | 0.14 | 0.15 | 0.10 | 0.13 | 0.14 |
| 1250.0 | 105.59 | 101.11 | 96.04 | 0.07 | 0.10 | 0.12 | 0.06 | 0.09 | 0.11 |
| 1300.0 | 98.16 | 103.15 | 96.68 | 0.07 | 0.09 | 0.12 | 0.06 | 0.09 | 0.11 |
| 1400.0 | 102.97 | 96.12 | 102.28 | 0.06 | 0.08 | 0.11 | 0.05 | 0.08 | 0.10 |
| 1450.0 | 102.46 | 102.10 | 104.68 | 0.05 | 0.08 | 0.11 | 0.04 | 0.07 | 0.10 |
| 1500.0 | 111.76 | 104.44 | 104.85 | 0.04 | 0.07 | 0.10 | 0.03 | 0.07 | 0.09 |
| 1550.0 | 97.71 | 116.25 | 98.65 | 0.05 | 0.08 | 0.10 | 0.04 | 0.07 | 0.09 |
| 1600.0 | 100.85 | 101.51 | 116.69 | 0.04 | 0.07 | 0.10 | 0.03 | 0.06 | 0.09 |
| 1620.0 | 99.19 | 99.15 | 94.29 | 0.04 | 0.07 | 0.10 | 0.03 | 0.06 | 0.09 |
| 1650.0 | 91.95 | 108.93 | 92.88 | 0.03 | 0.07 | 0.09 | 0.02 | 0.06 | 0.08 |
| 1700.0 | 111.74 | 104.63 | 95.20 | 0.04 | 0.07 | 0.10 | 0.03 | 0.07 | 0.09 |
| 1780.0 | 95.68 | 95.56 | 98.56 | 0.03 | 0.06 | 0.09 | 0.02 | 0.06 | 0.09 |
| 1800.0 | 100.42 | 107.95 | 105.39 | 0.03 | 0.06 | 0.09 | 0.02 | 0.06 | 0.08 |
| 1900.0 | 92.75 | 97.50 | 101.68 | 0.02 | 0.05 | 0.09 | 0.01 | 0.05 | 0.08 |
| 2000.0 | 99.01 | 99.07 | 105.32 | 0.03 | 0.07 | 0.10 | 0.01 | 0.06 | 0.09 |
| 2100.0 | 97.63 | 102.08 | 94.97 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.09 |
| 2140.0 | 99.65 | 103.09 | 107.00 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.09 |
| 2180.0 | 94.69 | 99.37 | 105.86 | 0.01 | 0.05 | 0.09 | 0.00 | 0.05 | 0.09 |
| 2200.0 | 124.67 | 97.08 | 93.45 | 0.01 | 0.05 | 0.09 | 0.00 | 0.05 | 0.09 |
| 2220.0 | 99.04 | 96.79 | 100.45 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.09 |
| 2230.0 | 113.63 | 109.80 | 101.64 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.09 |
| 2240.0 | 101.15 | 103.36 | 93.10 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.10 |
| 2250.0 | 99.55 | 96.10 | 98.00 | 0.02 | 0.06 | 0.10 | 0.01 | 0.06 | 0.10 |
| 2300.0 | 97.22 | 103.48 | 99.60 | 0.01 | 0.06 | 0.10 | 0.00 | 0.05 | 0.09 |

Typical Performance Data

| FREQ. (MHz) | GROUP DELAY | | |
|--------------------|-------------|--------|--------|
| | (nsec) | | |
| | @-40°C | @+25°C | @+85°C |
| 901.0 | 142.57 | 132.51 | 118.60 |
| 901.5 | 137.86 | 123.64 | 111.88 |
| 902.0 | 129.66 | 115.73 | 106.85 |
| 902.5 | 120.65 | 109.68 | 102.96 |
| 903.0 | 113.28 | 105.16 | 99.87 |
| 903.5 | 107.81 | 101.64 | 97.36 |
| 904.0 | 103.71 | 98.82 | 95.35 |
| 904.5 | 100.48 | 96.52 | 93.73 |
| 905.0 | 97.87 | 94.67 | 92.46 |
| 905.5 | 95.73 | 93.17 | 91.44 |
| 906.0 | 94.05 | 92.01 | 90.69 |
| 906.5 | 92.69 | 91.11 | 90.16 |
| 907.0 | 91.63 | 90.45 | 89.86 |
| 907.5 | 90.81 | 89.99 | 89.75 |
| 908.0 | 90.21 | 89.75 | 89.86 |
| 908.5 | 89.81 | 89.71 | 90.17 |
| 909.0 | 89.63 | 89.87 | 90.69 |
| 909.5 | 89.63 | 90.25 | 91.41 |
| 910.0 | 89.84 | 90.82 | 92.39 |
| 910.5 | 90.28 | 91.64 | 93.63 |
| 911.0 | 90.93 | 92.69 | 95.16 |
| 911.5 | 91.82 | 94.04 | 97.07 |
| 912.0 | 92.99 | 95.71 | 99.41 |
| 912.5 | 94.44 | 97.78 | 102.29 |
| 913.0 | 96.25 | 100.33 | 105.85 |
| 913.5 | 98.49 | 103.46 | 110.44 |
| 914.0 | 101.22 | 107.39 | 116.52 |
| 914.5 | 104.58 | 112.48 | 124.39 |
| 915.0 | 108.85 | 119.27 | 133.02 |
| 915.5 | 114.48 | 127.76 | 139.81 |
| 916.0 | 121.99 | 136.31 | 142.87 |
| 916.5 | 131.04 | 142.17 | 142.06 |
| 917.0 | 139.27 | 143.99 | 137.94 |
| 917.5 | 144.06 | 142.00 | 130.97 |
| 918.0 | 144.63 | 136.84 | 121.20 |
| 918.5 | 139.18 | 127.49 | 107.58 |
| 919.0 | 129.98 | 114.72 | 91.01 |
| 919.5 | 118.13 | 98.96 | 73.82 |
| 920.0 | 103.54 | 81.06 | 58.73 |
| 921.0 | 95.17 | 72.08 | 52.27 |
| 922.0 | 76.84 | 55.93 | 41.90 |