

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 |
| 10 | 84.09 | 77.87 | 77.58 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 |
| 57 | 86.78 | 83.57 | 87.38 | 0.03 | 0.00 | 0.00 | 0.03 | 0.03 | 0.04 |
| 101 | 86.39 | 88.46 | 84.97 | 0.02 | 0.00 | 0.00 | 0.07 | 0.11 | 0.13 |
| 201 | 71.43 | 71.35 | 71.48 | 0.01 | 0.01 | 0.02 | 0.31 | 0.36 | 0.40 |
| 277 | 66.04 | 65.72 | 65.31 | 0.02 | 0.02 | 0.04 | 0.35 | 0.41 | 0.45 |
| 321 | 63.67 | 63.52 | 63.44 | 0.01 | 0.03 | 0.05 | 0.33 | 0.38 | 0.41 |
| 401 | 61.36 | 61.52 | 61.14 | 0.05 | 0.07 | 0.08 | 0.28 | 0.33 | 0.37 |
| 453 | 62.12 | 62.02 | 62.07 | 0.08 | 0.09 | 0.10 | 0.31 | 0.38 | 0.43 |
| 529 | 71.57 | 70.25 | 70.40 | 0.12 | 0.15 | 0.17 | 0.88 | 1.03 | 1.13 |
| 577 | 56.89 | 57.11 | 56.98 | 0.17 | 0.19 | 0.21 | 1.26 | 1.45 | 1.57 |
| 602 | 57.48 | 57.61 | 57.68 | 0.19 | 0.23 | 0.25 | 1.03 | 1.19 | 1.29 |
| 626 | 62.47 | 63.12 | 63.11 | 0.22 | 0.27 | 0.30 | 0.84 | 0.96 | 1.04 |
| 638 | 69.63 | 70.89 | 71.63 | 0.25 | 0.29 | 0.33 | 0.76 | 0.89 | 0.97 |
| 644 | 79.39 | 78.42 | 76.35 | 0.26 | 0.31 | 0.34 | 0.73 | 0.86 | 0.94 |
| 650 | 68.76 | 68.97 | 68.26 | 0.28 | 0.32 | 0.36 | 0.71 | 0.84 | 0.91 |
| 701 | 60.85 | 61.13 | 60.78 | 0.44 | 0.51 | 0.56 | 0.75 | 0.88 | 0.97 |
| 710 | 53.64 | 51.96 | 51.07 | 0.50 | 0.57 | 0.63 | 0.81 | 0.95 | 1.05 |
| 722 | 39.19 | 38.41 | 37.93 | 0.60 | 0.69 | 0.76 | 0.94 | 1.10 | 1.21 |
| 725 | 36.49 | 35.77 | 35.31 | 0.64 | 0.73 | 0.80 | 0.98 | 1.16 | 1.27 |
| 730 | 31.88 | 31.24 | 30.84 | 0.71 | 0.81 | 0.89 | 1.08 | 1.27 | 1.40 |
| 740 | 24.53 | 23.96 | 23.60 | 0.89 | 1.03 | 1.14 | 1.35 | 1.59 | 1.76 |
| 743 | 22.29 | 21.73 | 21.38 | 0.98 | 1.13 | 1.26 | 1.48 | 1.75 | 1.93 |
| 755 | 13.50 | 13.04 | 12.76 | 1.76 | 2.06 | 2.28 | 2.54 | 3.00 | 3.33 |
| 791 | 1.95 | 2.17 | 2.32 | 20.18 | 20.24 | 20.46 | 21.99 | 21.62 | 21.63 |
| 776 | 3.09 | 3.24 | 3.36 | 11.86 | 12.98 | 13.59 | 16.59 | 19.43 | 21.48 |
| 791 | 1.95 | 2.17 | 2.32 | 20.18 | 20.24 | 20.46 | 21.99 | 21.62 | 21.63 |
| 800 | 1.73 | 1.93 | 2.07 | 22.49 | 23.23 | 23.81 | 23.55 | 23.62 | 23.94 |
| 805 | 1.64 | 1.84 | 1.98 | 25.28 | 26.50 | 27.21 | 26.96 | 26.90 | 27.13 |
| 830 | 1.42 | 1.61 | 1.74 | 22.31 | 22.11 | 21.94 | 22.62 | 22.11 | 21.86 |
| 840 | 1.39 | 1.57 | 1.70 | 20.73 | 20.74 | 20.76 | 20.80 | 20.70 | 20.64 |
| 850 | 1.36 | 1.54 | 1.67 | 20.73 | 20.96 | 21.12 | 20.60 | 20.76 | 20.80 |
| 880 | 1.32 | 1.50 | 1.63 | 32.70 | 36.46 | 38.72 | 28.86 | 29.56 | 29.76 |
| 900 | 1.38 | 1.59 | 1.72 | 25.21 | 23.81 | 23.50 | 29.17 | 27.31 | 27.09 |
| 910 | 1.46 | 1.67 | 1.81 | 20.56 | 19.86 | 19.78 | 22.90 | 22.17 | 22.21 |
| 920 | 1.56 | 1.78 | 1.93 | 18.07 | 17.75 | 17.81 | 19.68 | 19.46 | 19.63 |
| 940 | 1.80 | 2.04 | 2.21 | 17.07 | 17.40 | 17.72 | 18.30 | 18.81 | 19.27 |
| 950 | 1.96 | 2.23 | 2.42 | 18.45 | 19.01 | 19.43 | 20.38 | 21.40 | 22.19 |
| 955 | 2.07 | 2.36 | 2.56 | 19.44 | 19.99 | 20.43 | 22.30 | 23.67 | 24.71 |
| 970 | 2.69 | 3.10 | 3.41 | 22.01 | 23.02 | 24.19 | 21.13 | 21.23 | 21.14 |
| 994 | 10.66 | 11.83 | 12.71 | 4.60 | 4.63 | 4.62 | 3.96 | 4.05 | 4.10 |
| 1000 | 15.37 | 16.57 | 17.47 | 3.07 | 3.20 | 3.28 | 2.70 | 2.87 | 2.98 |
| 1006 | 20.41 | 21.61 | 22.48 | 2.30 | 2.46 | 2.57 | 2.06 | 2.24 | 2.36 |
| 1015 | 28.16 | 29.33 | 30.19 | 1.73 | 1.89 | 2.00 | 1.55 | 1.73 | 1.85 |
| 1018 | 30.77 | 31.94 | 32.79 | 1.61 | 1.77 | 1.88 | 1.44 | 1.62 | 1.73 |
| 1020 | 32.54 | 33.71 | 34.56 | 1.55 | 1.70 | 1.81 | 1.38 | 1.55 | 1.66 |
| 1060 | 65.67 | 67.03 | 66.52 | 0.98 | 1.10 | 1.20 | 0.76 | 0.88 | 0.96 |
| 1150 | 60.19 | 60.29 | 60.87 | 0.62 | 0.71 | 0.78 | 0.37 | 0.47 | 0.52 |
| 1500 | 64.93 | 65.09 | 65.28 | 0.43 | 0.50 | 0.56 | 0.13 | 0.20 | 0.24 |
| 1600 | 65.22 | 65.83 | 65.82 | 0.46 | 0.53 | 0.59 | 0.11 | 0.19 | 0.22 |
| 2000 | 69.68 | 70.12 | 71.14 | 0.43 | 0.54 | 0.61 | 0.11 | 0.18 | 0.22 |
| 2200 | 68.02 | 67.51 | 67.77 | 0.37 | 0.49 | 0.56 | 0.11 | 0.18 | 0.22 |
| 2400 | 52.61 | 53.06 | 53.35 | 0.40 | 0.50 | 0.56 | 0.12 | 0.19 | 0.22 |
| 2600 | 49.76 | 49.49 | 49.07 | 0.37 | 0.46 | 0.53 | 0.13 | 0.19 | 0.23 |
| 2800 | 86.98 | 80.59 | 81.34 | 0.29 | 0.37 | 0.43 | 0.12 | 0.19 | 0.22 |
| 3000 | 70.28 | 68.18 | 67.94 | 0.28 | 0.38 | 0.43 | 0.13 | 0.19 | 0.22 |
| 3200 | 66.98 | 65.67 | 66.27 | 0.31 | 0.41 | 0.47 | 0.12 | 0.19 | 0.22 |
| 3400 | 62.08 | 61.41 | 61.23 | 0.35 | 0.48 | 0.56 | 0.13 | 0.20 | 0.23 |
| 4000 | 54.33 | 54.38 | 55.06 | 0.67 | 0.84 | 0.96 | 0.12 | 0.21 | 0.25 |
| 4300 | 55.33 | 55.93 | 57.78 | 0.69 | 0.86 | 0.18 | 0.13 | 0.22 | 0.28 |
| 4500 | 59.50 | 60.79 | 61.94 | 0.61 | 0.74 | 0.81 | 0.14 | 0.24 | 0.31 |

Typical Performance Data

| FREQ. (MHz) | GROUP DELAY | | |
|--------------------|-------------|--------|--------|
| | (nsec) | | |
| | @-40°C | @+25°C | @+85°C |
| 805 | 8.17 | 8.09 | 8.03 |
| 810 | 7.79 | 7.72 | 7.68 |
| 815 | 7.47 | 7.41 | 7.38 |
| 820 | 7.20 | 7.15 | 7.12 |
| 825 | 6.97 | 6.93 | 6.90 |
| 830 | 6.77 | 6.74 | 6.72 |
| 835 | 6.61 | 6.58 | 6.56 |
| 840 | 6.48 | 6.45 | 6.44 |
| 845 | 6.37 | 6.35 | 6.35 |
| 850 | 6.29 | 6.28 | 6.27 |
| 855 | 6.23 | 6.22 | 6.22 |
| 860 | 6.19 | 6.19 | 6.19 |
| 865 | 6.17 | 6.17 | 6.17 |
| 870 | 6.16 | 6.17 | 6.17 |
| 875 | 6.17 | 6.18 | 6.18 |
| 880 | 6.19 | 6.20 | 6.21 |
| 885 | 6.22 | 6.23 | 6.24 |
| 890 | 6.27 | 6.28 | 6.29 |
| 895 | 6.32 | 6.34 | 6.35 |
| 900 | 6.39 | 6.41 | 6.43 |
| 905 | 6.48 | 6.49 | 6.51 |
| 910 | 6.57 | 6.59 | 6.62 |
| 915 | 6.69 | 6.72 | 6.74 |
| 920 | 6.83 | 6.87 | 6.90 |
| 925 | 7.01 | 7.05 | 7.09 |
| 930 | 7.22 | 7.27 | 7.32 |
| 932 | 7.32 | 7.37 | 7.42 |
| 934 | 7.42 | 7.49 | 7.54 |
| 936 | 7.54 | 7.61 | 7.67 |
| 938 | 7.66 | 7.74 | 7.80 |
| 940 | 7.80 | 7.88 | 7.95 |
| 942 | 7.94 | 8.03 | 8.11 |
| 944 | 8.10 | 8.20 | 8.28 |
| 946 | 8.28 | 8.38 | 8.46 |
| 947 | 8.37 | 8.48 | 8.56 |
| 950 | 8.67 | 8.78 | 8.87 |
| 951 | 8.77 | 8.89 | 8.99 |
| 952 | 8.89 | 9.01 | 9.11 |
| 953 | 9.02 | 9.15 | 9.25 |
| 955 | 9.37 | 9.51 | 9.62 |