

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 | 73.64 | 73.78 | 74.12 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 |
| 60 | 38.43 | 38.46 | 38.47 | 0.04 | 0.04 | 0.04 | 0.05 | 0.06 | 0.06 |
| 100 | 33.99 | 33.98 | 33.96 | 0.04 | 0.04 | 0.04 | 0.06 | 0.08 | 0.08 |
| 230 | 26.65 | 26.73 | 26.75 | 0.04 | 0.06 | 0.06 | 0.12 | 0.15 | 0.17 |
| 310 | 24.17 | 24.37 | 24.49 | 0.06 | 0.08 | 0.09 | 0.17 | 0.22 | 0.24 |
| 440 | 22.65 | 22.82 | 22.99 | 0.09 | 0.11 | 0.12 | 0.25 | 0.31 | 0.34 |
| 500 | 22.97 | 23.14 | 23.30 | 0.10 | 0.13 | 0.14 | 0.26 | 0.32 | 0.36 |
| 550 | 23.79 | 23.98 | 24.15 | 0.12 | 0.15 | 0.16 | 0.25 | 0.32 | 0.36 |
| 700 | 31.99 | 32.34 | 32.65 | 0.16 | 0.21 | 0.22 | 0.22 | 0.29 | 0.34 |
| 750 | 42.66 | 43.54 | 44.42 | 0.18 | 0.23 | 0.26 | 0.22 | 0.31 | 0.36 |
| 800 | 39.89 | 39.52 | 39.18 | 0.22 | 0.27 | 0.30 | 0.25 | 0.35 | 0.41 |
| 850 | 33.50 | 33.64 | 33.74 | 0.26 | 0.32 | 0.35 | 0.32 | 0.45 | 0.53 |
| 900 | 39.32 | 40.86 | 42.36 | 0.34 | 0.41 | 0.46 | 0.46 | 0.64 | 0.75 |
| 950 | 31.24 | 31.94 | 32.47 | 0.61 | 0.78 | 0.92 | 0.87 | 1.18 | 1.41 |
| 960 | 35.10 | 32.25 | 28.21 | 0.79 | 1.05 | 1.30 | 1.10 | 1.52 | 1.87 |
| 965 | 30.37 | 24.69 | 21.10 | 0.96 | 1.33 | 1.70 | 1.30 | 1.83 | 2.33 |
| 970 | 21.87 | 17.76 | 14.98 | 1.26 | 1.85 | 2.48 | 1.63 | 2.40 | 3.19 |
| 975 | 15.09 | 12.04 | 9.97 | 1.89 | 2.95 | 4.13 | 2.30 | 3.57 | 4.95 |
| 980 | 9.58 | 7.54 | 6.30 | 3.32 | 5.36 | 7.43 | 3.81 | 6.10 | 8.52 |
| 985 | 5.54 | 4.63 | 4.18 | 6.65 | 10.03 | 12.29 | 7.30 | 11.11 | 14.05 |
| 990 | 3.29 | 3.20 | 3.17 | 12.90 | 14.58 | 13.64 | 14.16 | 16.17 | 15.26 |
| 995 | 2.37 | 2.60 | 2.70 | 15.63 | 13.08 | 11.91 | 17.03 | 14.08 | 12.99 |
| 1000 | 2.02 | 2.30 | 2.42 | 12.71 | 11.33 | 10.87 | 13.44 | 12.12 | 11.81 |
| 1020 | 1.38 | 1.57 | 1.65 | 11.62 | 11.74 | 12.16 | 12.24 | 12.57 | 13.19 |
| 1050 | 0.78 | 0.94 | 1.04 | 20.62 | 20.93 | 21.57 | 21.62 | 22.37 | 23.59 |
| 1100 | 0.57 | 0.72 | 0.81 | 21.66 | 21.33 | 21.62 | 22.24 | 21.95 | 22.39 |
| 1150 | 0.57 | 0.71 | 0.79 | 17.09 | 16.92 | 17.31 | 17.41 | 17.28 | 17.72 |
| 1200 | 0.55 | 0.69 | 0.77 | 16.51 | 16.49 | 16.85 | 16.44 | 16.49 | 16.87 |
| 1250 | 0.52 | 0.66 | 0.74 | 18.09 | 18.37 | 18.75 | 17.77 | 18.11 | 18.46 |
| 1300 | 0.49 | 0.64 | 0.73 | 23.52 | 24.80 | 25.49 | 22.86 | 23.89 | 24.14 |
| 1350 | 0.52 | 0.68 | 0.79 | 35.73 | 30.72 | 29.65 | 33.05 | 28.66 | 27.11 |
| 1400 | 0.64 | 0.82 | 0.94 | 19.95 | 19.08 | 18.98 | 19.53 | 18.64 | 18.49 |
| 1450 | 0.80 | 1.02 | 1.17 | 18.70 | 18.82 | 19.33 | 17.40 | 17.09 | 17.07 |
| 1500 | 1.40 | 1.81 | 2.15 | 14.89 | 13.83 | 12.79 | 12.26 | 11.03 | 10.05 |
| 1510 | 1.85 | 2.36 | 2.80 | 10.97 | 10.18 | 9.40 | 9.30 | 8.36 | 7.58 |
| 1520 | 2.58 | 3.20 | 3.75 | 7.93 | 7.38 | 6.84 | 6.77 | 6.11 | 5.54 |
| 1530 | 3.64 | 4.38 | 5.04 | 5.64 | 5.31 | 4.95 | 4.77 | 4.35 | 3.97 |
| 1540 | 5.06 | 5.90 | 6.65 | 3.99 | 3.82 | 3.61 | 3.29 | 3.06 | 2.83 |
| 1550 | 6.79 | 7.70 | 8.52 | 2.85 | 2.79 | 2.69 | 2.26 | 2.17 | 2.05 |
| 1560 | 8.78 | 9.72 | 10.59 | 2.09 | 2.11 | 2.07 | 1.59 | 1.58 | 1.53 |
| 1570 | 10.96 | 11.92 | 12.84 | 1.59 | 1.65 | 1.66 | 1.15 | 1.19 | 1.20 |
| 1580 | 13.38 | 14.36 | 15.32 | 1.27 | 1.36 | 1.38 | 0.88 | 0.95 | 0.96 |
| 1585 | 14.62 | 15.59 | 16.54 | 1.13 | 1.23 | 1.26 | 0.76 | 0.84 | 0.86 |
| 1600 | 18.38 | 19.36 | 20.36 | 0.86 | 0.97 | 1.02 | 0.53 | 0.63 | 0.67 |
| 1605 | 19.71 | 20.71 | 21.73 | 0.80 | 0.91 | 0.96 | 0.48 | 0.58 | 0.63 |
| 1610 | 21.09 | 22.12 | 23.16 | 0.75 | 0.86 | 0.92 | 0.44 | 0.54 | 0.59 |
| 1615 | 22.54 | 23.58 | 24.64 | 0.71 | 0.82 | 0.87 | 0.41 | 0.51 | 0.56 |
| 1620 | 24.04 | 25.08 | 26.18 | 0.67 | 0.78 | 0.84 | 0.38 | 0.48 | 0.53 |
| 1625 | 25.60 | 26.66 | 27.80 | 0.64 | 0.75 | 0.81 | 0.35 | 0.45 | 0.51 |
| 1630 | 27.24 | 28.33 | 29.51 | 0.61 | 0.72 | 0.78 | 0.33 | 0.43 | 0.49 |
| 1635 | 28.98 | 30.11 | 31.37 | 0.58 | 0.69 | 0.75 | 0.31 | 0.41 | 0.47 |
| 1640 | 30.85 | 32.05 | 33.41 | 0.56 | 0.67 | 0.73 | 0.29 | 0.40 | 0.45 |
| 1650 | 35.33 | 36.73 | 38.37 | 0.52 | 0.63 | 0.69 | 0.26 | 0.37 | 0.43 |
| 1800 | 40.83 | 41.16 | 41.60 | 0.30 | 0.43 | 0.51 | 0.11 | 0.21 | 0.26 |
| 1900 | 66.79 | 67.23 | 67.21 | 0.26 | 0.41 | 0.50 | 0.08 | 0.17 | 0.23 |
| 2000 | 44.83 | 44.88 | 44.91 | 0.26 | 0.42 | 0.52 | 0.07 | 0.16 | 0.21 |
| 2100 | 41.16 | 41.22 | 41.25 | 0.27 | 0.43 | 0.54 | 0.07 | 0.16 | 0.21 |
| 2200 | 39.99 | 40.01 | 39.97 | 0.28 | 0.45 | 0.56 | 0.07 | 0.16 | 0.21 |
| 2400 | 39.99 | 39.97 | 39.80 | 0.29 | 0.47 | 0.60 | 0.08 | 0.17 | 0.22 |
| 2500 | 40.43 | 40.31 | 40.16 | 0.30 | 0.50 | 0.63 | 0.08 | 0.17 | 0.22 |

Typical Performance Data

| FREQ. (MHz) | GROUP DELAY | | |
|--------------------|-------------|--------|--------|
| | (nsec) | | |
| | @-40°C | @+25°C | @+85°C |
| 1050 | 3.65 | 3.53 | 3.44 |
| 1055 | 3.46 | 3.36 | 3.27 |
| 1060 | 3.30 | 3.20 | 3.13 |
| 1065 | 3.15 | 3.06 | 3.00 |
| 1070 | 3.01 | 2.94 | 2.88 |
| 1075 | 2.89 | 2.82 | 2.77 |
| 1080 | 2.78 | 2.72 | 2.67 |
| 1085 | 2.68 | 2.62 | 2.58 |
| 1090 | 2.58 | 2.53 | 2.49 |
| 1095 | 2.50 | 2.45 | 2.42 |
| 1100 | 2.42 | 2.38 | 2.35 |
| 1105 | 2.35 | 2.31 | 2.28 |
| 1110 | 2.29 | 2.25 | 2.23 |
| 1115 | 2.23 | 2.20 | 2.17 |
| 1120 | 2.18 | 2.15 | 2.13 |
| 1125 | 2.13 | 2.10 | 2.08 |
| 1130 | 2.09 | 2.06 | 2.04 |
| 1135 | 2.04 | 2.02 | 2.00 |
| 1140 | 2.01 | 1.98 | 1.97 |
| 1145 | 1.97 | 1.95 | 1.93 |
| 1150 | 1.94 | 1.92 | 1.91 |
| 1155 | 1.91 | 1.89 | 1.88 |
| 1160 | 1.88 | 1.86 | 1.85 |
| 1165 | 1.86 | 1.84 | 1.83 |
| 1170 | 1.84 | 1.82 | 1.81 |
| 1175 | 1.81 | 1.80 | 1.79 |
| 1180 | 1.80 | 1.78 | 1.77 |
| 1185 | 1.78 | 1.76 | 1.76 |
| 1190 | 1.76 | 1.75 | 1.74 |
| 1195 | 1.75 | 1.73 | 1.73 |
| 1200 | 1.73 | 1.72 | 1.71 |
| 1205 | 1.72 | 1.71 | 1.70 |
| 1210 | 1.71 | 1.70 | 1.69 |
| 1215 | 1.70 | 1.69 | 1.69 |
| 1220 | 1.69 | 1.68 | 1.68 |
| 1225 | 1.68 | 1.68 | 1.67 |
| 1230 | 1.68 | 1.67 | 1.67 |
| 1235 | 1.67 | 1.67 | 1.66 |
| 1240 | 1.67 | 1.66 | 1.66 |
| 1245 | 1.67 | 1.66 | 1.66 |
| 1250 | 1.66 | 1.66 | 1.66 |
| 1255 | 1.66 | 1.66 | 1.66 |
| 1260 | 1.66 | 1.66 | 1.66 |
| 1265 | 1.66 | 1.66 | 1.66 |
| 1270 | 1.67 | 1.66 | 1.66 |
| 1275 | 1.67 | 1.67 | 1.67 |
| 1280 | 1.67 | 1.67 | 1.67 |
| 1285 | 1.67 | 1.67 | 1.67 |
| 1290 | 1.68 | 1.68 | 1.68 |
| 1295 | 1.68 | 1.68 | 1.68 |
| 1300 | 1.69 | 1.69 | 1.69 |
| 1310 | 1.70 | 1.70 | 1.70 |
| 1320 | 1.72 | 1.72 | 1.73 |
| 1330 | 1.74 | 1.74 | 1.75 |
| 1340 | 1.76 | 1.77 | 1.77 |
| 1350 | 1.79 | 1.79 | 1.80 |
| 1400 | 1.97 | 1.98 | 2.00 |
| 1410 | 2.03 | 2.04 | 2.07 |
| 1420 | 2.10 | 2.12 | 2.15 |
| 1450 | 2.42 | 2.46 | 2.51 |