

Typical Performance Data

| FREQ. (MHz) | INSERTION LOSS | | | INPUT VSWR | | | OUTPUT VSWR | | |
|--------------------|----------------|----------|----------|------------|----------|----------|-------------|----------|-----------|
| | (dB) | | | (:1) | | | (:1) | | |
| | @ -40° C | @ +25° C | @ +85° C | @ -40° C | @ +25° C | @ +85° C | @ -40° C | @ +25° C | @ +85° C |
| 0.5 | 98.82 | 110.86 | 99.22 | 6520.43 | 4346.89 | 16443.81 | 4727.50 | 3099.87 | 173717.79 |
| 1.0 | 99.08 | 100.36 | 108.60 | 6410.29 | 8047.11 | 15758.32 | 378199.63 | 9454.68 | 16443.81 |
| 10.0 | 104.40 | 98.56 | 97.44 | 1460.23 | 1380.29 | 1919.86 | 8046.66 | 3939.37 | 9224.27 |
| 50.0 | 94.17 | 85.90 | 94.21 | 2977.99 | 5644.54 | 3074.63 | 1980.18 | 29092.64 | 29091.19 |
| 100.0 | 92.12 | 85.72 | 99.93 | 857.61 | 4976.10 | 2843.53 | 1489.00 | 2886.90 | 1826.95 |
| 200.0 | 82.78 | 91.00 | 86.50 | 699.07 | 1512.74 | 836.69 | 1313.22 | 2264.57 | 822.15 |
| 300.0 | 89.76 | 82.79 | 97.53 | 792.88 | 717.63 | 564.46 | 1118.93 | 1050.50 | 496.31 |
| 400.0 | 79.04 | 81.38 | 84.21 | 1449.02 | 404.92 | 262.26 | 1304.14 | 504.92 | 377.43 |
| 500.0 | 78.43 | 80.02 | 79.61 | 18009.09 | 275.05 | 208.37 | 19904.39 | 294.09 | 232.59 |
| 600.0 | 74.59 | 75.22 | 75.57 | 1223.92 | 188.44 | 141.12 | 779.78 | 198.21 | 163.51 |
| 700.0 | 76.07 | 78.51 | 78.00 | 343.50 | 128.46 | 106.09 | 320.23 | 146.36 | 125.86 |
| 800.0 | 64.96 | 65.52 | 64.32 | 183.41 | 96.85 | 83.67 | 212.58 | 111.20 | 92.51 |
| 850.0 | 53.68 | 53.32 | 53.14 | 145.46 | 81.30 | 71.16 | 153.74 | 91.33 | 79.40 |
| 860.0 | 51.38 | 51.39 | 51.10 | 137.13 | 79.77 | 70.25 | 141.54 | 84.16 | 75.90 |
| 870.0 | 49.69 | 49.27 | 49.13 | 124.08 | 74.38 | 65.79 | 134.49 | 82.45 | 73.38 |
| 880.0 | 47.74 | 47.59 | 47.31 | 110.87 | 69.31 | 63.31 | 130.46 | 79.99 | 69.48 |
| 890.0 | 45.47 | 45.27 | 44.94 | 110.13 | 67.77 | 60.54 | 118.22 | 75.03 | 65.09 |
| 900.0 | 43.14 | 42.94 | 42.61 | 106.78 | 66.75 | 57.33 | 111.70 | 72.08 | 60.99 |
| 910.0 | 41.15 | 40.88 | 40.52 | 101.53 | 63.15 | 55.03 | 104.62 | 70.12 | 60.61 |
| 920.0 | 39.17 | 38.92 | 38.49 | 91.75 | 58.97 | 52.75 | 99.81 | 66.55 | 58.28 |
| 930.0 | 37.07 | 36.79 | 36.39 | 86.52 | 56.08 | 50.32 | 93.54 | 61.53 | 54.04 |
| 940.0 | 34.77 | 34.53 | 34.07 | 79.87 | 53.25 | 46.41 | 86.50 | 58.93 | 49.94 |
| 950.0 | 32.41 | 32.11 | 31.64 | 74.45 | 50.07 | 43.14 | 79.64 | 55.02 | 46.68 |
| 1000.0 | 20.23 | 19.85 | 19.26 | 45.20 | 31.35 | 25.93 | 45.68 | 32.89 | 26.47 |
| 1100.0 | 0.67 | 0.91 | 1.07 | 1.52 | 1.50 | 1.52 | 1.49 | 1.48 | 1.51 |
| 1105.0 | 0.61 | 0.86 | 1.02 | 1.43 | 1.43 | 1.45 | 1.40 | 1.40 | 1.44 |
| 1110.0 | 0.57 | 0.81 | 0.96 | 1.36 | 1.37 | 1.40 | 1.34 | 1.35 | 1.39 |
| 1115.0 | 0.54 | 0.78 | 0.93 | 1.31 | 1.32 | 1.35 | 1.30 | 1.31 | 1.35 |
| 1120.0 | 0.51 | 0.74 | 0.89 | 1.27 | 1.28 | 1.31 | 1.26 | 1.28 | 1.31 |
| 1125.0 | 0.49 | 0.72 | 0.86 | 1.24 | 1.26 | 1.28 | 1.24 | 1.25 | 1.28 |
| 1130.0 | 0.47 | 0.70 | 0.84 | 1.22 | 1.23 | 1.25 | 1.22 | 1.23 | 1.25 |
| 1135.0 | 0.45 | 0.67 | 0.80 | 1.20 | 1.21 | 1.23 | 1.20 | 1.21 | 1.23 |
| 1140.0 | 0.45 | 0.67 | 0.80 | 1.19 | 1.19 | 1.20 | 1.19 | 1.20 | 1.20 |
| 1145.0 | 0.44 | 0.66 | 0.79 | 1.17 | 1.17 | 1.17 | 1.17 | 1.18 | 1.17 |
| 1150.0 | 0.44 | 0.65 | 0.77 | 1.15 | 1.15 | 1.15 | 1.16 | 1.16 | 1.15 |
| 1160.0 | 0.43 | 0.64 | 0.76 | 1.12 | 1.11 | 1.09 | 1.13 | 1.12 | 1.09 |
| 1170.0 | 0.40 | 0.61 | 0.73 | 1.07 | 1.06 | 1.05 | 1.09 | 1.07 | 1.04 |
| 1180.0 | 0.37 | 0.58 | 0.71 | 1.03 | 1.03 | 1.06 | 1.04 | 1.03 | 1.06 |
| 1185.0 | 0.37 | 0.59 | 0.71 | 1.02 | 1.04 | 1.09 | 1.03 | 1.04 | 1.09 |
| 1188.0 | 0.35 | 0.56 | 0.69 | 1.03 | 1.05 | 1.10 | 1.03 | 1.05 | 1.11 |
| 1189.0 | 0.34 | 0.57 | 0.70 | 1.03 | 1.06 | 1.11 | 1.03 | 1.05 | 1.11 |
| 1190.0 | 0.35 | 0.56 | 0.69 | 1.03 | 1.06 | 1.11 | 1.04 | 1.06 | 1.12 |
| 1195.0 | 0.35 | 0.57 | 0.70 | 1.06 | 1.09 | 1.15 | 1.05 | 1.08 | 1.15 |
| 1200.0 | 0.35 | 0.57 | 0.70 | 1.08 | 1.11 | 1.17 | 1.07 | 1.11 | 1.18 |
| 1220.0 | 0.36 | 0.59 | 0.74 | 1.16 | 1.19 | 1.25 | 1.15 | 1.18 | 1.26 |
| 1230.0 | 0.36 | 0.59 | 0.74 | 1.16 | 1.20 | 1.24 | 1.16 | 1.19 | 1.25 |
| 1240.0 | 0.35 | 0.58 | 0.73 | 1.14 | 1.16 | 1.20 | 1.14 | 1.16 | 1.20 |
| 1246.0 | 0.34 | 0.57 | 0.72 | 1.11 | 1.13 | 1.15 | 1.11 | 1.12 | 1.15 |
| 1300.0 | 1.26 | 1.75 | 2.19 | 2.66 | 2.80 | 3.02 | 2.63 | 2.77 | 3.06 |
| 1400.0 | 15.81 | 16.26 | 16.64 | 75.58 | 44.55 | 37.29 | 73.18 | 46.42 | 39.14 |
| 1500.0 | 28.38 | 28.60 | 28.71 | 164.72 | 71.13 | 60.04 | 170.36 | 80.14 | 62.33 |
| 1550.0 | 33.91 | 34.13 | 34.23 | 154.62 | 73.58 | 62.84 | 171.12 | 81.62 | 65.09 |
| 1600.0 | 39.59 | 39.89 | 40.09 | 136.68 | 70.18 | 60.28 | 158.11 | 80.62 | 65.68 |
| 1620.0 | 42.16 | 42.27 | 42.37 | 124.00 | 66.55 | 55.13 | 145.29 | 78.96 | 59.35 |
| 1680.0 | 53.10 | 53.51 | 53.88 | 118.85 | 63.35 | 53.32 | 130.23 | 74.45 | 58.86 |
| 1690.0 | 56.33 | 56.99 | 57.20 | 113.50 | 63.74 | 53.24 | 123.07 | 71.23 | 56.45 |
| 1700.0 | 59.84 | 60.77 | 61.81 | 110.39 | 61.75 | 51.75 | 138.58 | 75.69 | 58.22 |
| 1800.0 | 51.38 | 51.55 | 51.47 | 106.84 | 58.61 | 47.51 | 124.00 | 70.21 | 52.82 |
| 1900.0 | 46.59 | 46.98 | 46.94 | 104.94 | 55.98 | 44.12 | 110.55 | 65.96 | 47.05 |
| 2000.0 | 46.60 | 46.67 | 46.68 | 113.30 | 53.95 | 40.98 | 113.50 | 62.28 | 44.48 |
| 2100.0 | 49.16 | 49.31 | 49.46 | 114.39 | 51.66 | 38.47 | 118.85 | 60.35 | 41.92 |
| 2200.0 | 54.06 | 54.86 | 54.81 | 127.73 | 49.68 | 36.30 | 126.61 | 60.09 | 41.03 |
| 2300.0 | 66.44 | 71.49 | 70.24 | 152.87 | 48.90 | 34.58 | 127.73 | 57.12 | 37.68 |
| 2400.0 | 56.31 | 56.12 | 56.57 | 172.14 | 45.40 | 32.51 | 136.48 | 52.81 | 35.44 |
| 2500.0 | 49.30 | 48.04 | 46.71 | 98.11 | 34.73 | 24.07 | 80.93 | 37.87 | 26.12 |

