

Typical Performance Data

| FREQ. (MHz) | INSERTION LOSS | | | INPUT VSWR | | | OUTPUT VSWR | | |
|--------------------|----------------|-------|---------|------------|-------|---------|-------------|-------|---------|
| | (dB) | | | (:1) | | | (:1) | | |
| | @-55°C | @25°C | @+105°C | @-55°C | @25°C | @+105°C | @-55°C | @25°C | @+105°C |
| 10 | 5.64 | 5.64 | 5.65 | 1.14 | 1.15 | 1.15 | 1.15 | 1.15 | 1.16 |
| 20 | 5.63 | 5.63 | 5.65 | 1.10 | 1.10 | 1.10 | 1.10 | 1.11 | 1.11 |
| 30 | 5.64 | 5.64 | 5.65 | 1.08 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 |
| 40 | 5.64 | 5.64 | 5.65 | 1.08 | 1.08 | 1.09 | 1.08 | 1.09 | 1.09 |
| 50 | 5.63 | 5.64 | 5.65 | 1.08 | 1.08 | 1.08 | 1.08 | 1.08 | 1.09 |
| 60 | 5.64 | 5.64 | 5.65 | 1.07 | 1.08 | 1.08 | 1.08 | 1.08 | 1.09 |
| 70 | 5.64 | 5.64 | 5.65 | 1.07 | 1.08 | 1.08 | 1.08 | 1.08 | 1.08 |
| 80 | 5.64 | 5.64 | 5.65 | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 90 | 5.64 | 5.64 | 5.65 | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 100 | 5.64 | 5.64 | 5.65 | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 200 | 5.64 | 5.65 | 5.65 | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 400 | 5.64 | 5.65 | 5.67 | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 600 | 5.65 | 5.66 | 5.68 | 1.08 | 1.08 | 1.08 | 1.07 | 1.08 | 1.08 |
| 800 | 5.65 | 5.66 | 5.68 | 1.08 | 1.09 | 1.09 | 1.08 | 1.08 | 1.09 |
| 1000 | 5.66 | 5.66 | 5.69 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 |
| 2000 | 5.67 | 5.69 | 5.70 | 1.14 | 1.14 | 1.15 | 1.13 | 1.13 | 1.13 |
| 3000 | 5.67 | 5.67 | 5.70 | 1.17 | 1.17 | 1.20 | 1.16 | 1.16 | 1.17 |
| 4000 | 5.64 | 5.64 | 5.68 | 1.18 | 1.19 | 1.21 | 1.19 | 1.19 | 1.19 |
| 5000 | 5.60 | 5.61 | 5.65 | 1.17 | 1.17 | 1.17 | 1.21 | 1.20 | 1.21 |
| 6000 | 5.57 | 5.59 | 5.63 | 1.18 | 1.18 | 1.16 | 1.24 | 1.24 | 1.24 |
| 7000 | 5.57 | 5.58 | 5.63 | 1.23 | 1.22 | 1.20 | 1.30 | 1.29 | 1.29 |
| 8000 | 5.52 | 5.54 | 5.60 | 1.29 | 1.28 | 1.28 | 1.35 | 1.34 | 1.34 |
| 9000 | 5.41 | 5.45 | 5.50 | 1.31 | 1.30 | 1.32 | 1.35 | 1.34 | 1.35 |
| 10000 | 5.26 | 5.31 | 5.35 | 1.26 | 1.25 | 1.27 | 1.29 | 1.29 | 1.26 |
| 11000 | 5.13 | 5.18 | 5.23 | 1.17 | 1.16 | 1.16 | 1.19 | 1.18 | 1.16 |
| 12000 | 5.03 | 5.08 | 5.14 | 1.10 | 1.10 | 1.07 | 1.12 | 1.11 | 1.10 |
| 13000 | 4.94 | 4.99 | 5.06 | 1.09 | 1.07 | 1.02 | 1.11 | 1.08 | 1.06 |
| 14000 | 4.80 | 4.86 | 4.94 | 1.03 | 1.04 | 1.07 | 1.08 | 1.05 | 1.03 |
| 15000 | 4.68 | 4.76 | 4.85 | 1.13 | 1.13 | 1.20 | 1.16 | 1.14 | 1.16 |
| 16000 | 4.64 | 4.71 | 4.82 | 1.28 | 1.28 | 1.31 | 1.30 | 1.27 | 1.28 |
| 17000 | 4.62 | 4.67 | 4.76 | 1.39 | 1.37 | 1.32 | 1.38 | 1.34 | 1.32 |
| 18000 | 4.50 | 4.58 | 4.65 | 1.40 | 1.38 | 1.29 | 1.36 | 1.34 | 1.30 |
| 19000 | 4.33 | 4.42 | 4.54 | 1.37 | 1.35 | 1.32 | 1.29 | 1.28 | 1.26 |
| 20000 | 4.14 | 4.25 | 4.43 | 1.34 | 1.32 | 1.40 | 1.22 | 1.22 | 1.21 |
| 21000 | 3.99 | 4.08 | 4.28 | 1.33 | 1.31 | 1.41 | 1.18 | 1.18 | 1.18 |
| 22000 | 3.85 | 3.94 | 4.09 | 1.31 | 1.31 | 1.32 | 1.15 | 1.16 | 1.18 |
| 23000 | 3.70 | 3.79 | 3.91 | 1.29 | 1.30 | 1.18 | 1.14 | 1.15 | 1.19 |
| 24000 | 3.52 | 3.61 | 3.79 | 1.27 | 1.28 | 1.24 | 1.13 | 1.15 | 1.18 |
| 25000 | 3.35 | 3.43 | 3.66 | 1.24 | 1.25 | 1.36 | 1.11 | 1.13 | 1.14 |
| 26000 | 3.15 | 3.28 | 3.45 | 1.23 | 1.23 | 1.37 | 1.08 | 1.09 | 1.13 |
| 27000 | 2.98 | 3.16 | 3.22 | 1.23 | 1.24 | 1.19 | 1.07 | 1.07 | 1.06 |
| 28000 | 2.86 | 3.06 | 3.13 | 1.27 | 1.28 | 1.17 | 1.13 | 1.11 | 1.17 |
| 29000 | 2.75 | 2.93 | 3.12 | 1.33 | 1.32 | 1.40 | 1.17 | 1.15 | 1.22 |
| 30000 | 2.62 | 2.80 | 3.03 | 1.37 | 1.36 | 1.54 | 1.20 | 1.19 | 1.17 |
| 31000 | 2.50 | 2.69 | 2.89 | 1.46 | 1.42 | 1.60 | 1.29 | 1.27 | 1.31 |
| 32000 | 2.35 | 2.56 | 2.67 | 1.56 | 1.50 | 1.51 | 1.43 | 1.38 | 1.42 |
| 33000 | 2.14 | 2.39 | 2.44 | 1.58 | 1.52 | 1.39 | 1.49 | 1.45 | 1.42 |
| 34000 | 1.93 | 2.15 | 2.28 | 1.48 | 1.44 | 1.36 | 1.42 | 1.40 | 1.38 |
| 35000 | 1.74 | 1.95 | 2.11 | 1.33 | 1.31 | 1.34 | 1.30 | 1.29 | 1.29 |
| 36000 | 1.63 | 1.82 | 1.96 | 1.22 | 1.22 | 1.25 | 1.20 | 1.19 | 1.16 |
| 37000 | 1.57 | 1.74 | 1.90 | 1.17 | 1.22 | 1.19 | 1.13 | 1.14 | 1.13 |
| 38000 | 1.56 | 1.72 | 1.92 | 1.17 | 1.26 | 1.23 | 1.11 | 1.15 | 1.18 |
| 39000 | 1.49 | 1.66 | 1.89 | 1.25 | 1.32 | 1.34 | 1.16 | 1.20 | 1.25 |
| 40000 | 1.44 | 1.60 | 1.86 | 1.38 | 1.40 | 1.47 | 1.28 | 1.26 | 1.30 |
| 41000 | 1.42 | 1.58 | 1.83 | 1.55 | 1.49 | 1.59 | 1.46 | 1.39 | 1.45 |
| 42000 | 1.39 | 1.54 | 1.69 | 1.69 | 1.59 | 1.57 | 1.62 | 1.53 | 1.54 |
| 43000 | 1.31 | 1.47 | 1.50 | 1.83 | 1.71 | 1.48 | 1.75 | 1.67 | 1.52 |
| 44000 | 1.11 | 1.36 | 1.43 | 1.79 | 1.68 | 1.48 | 1.72 | 1.65 | 1.49 |
| 45000 | 0.90 | 1.18 | 1.47 | 1.52 | 1.48 | 1.52 | 1.44 | 1.41 | 1.43 |
| 46000 | 0.75 | 1.04 | 1.40 | 1.24 | 1.23 | 1.40 | 1.15 | 1.16 | 1.28 |
| 47000 | 0.69 | 1.00 | 1.29 | 1.12 | 1.10 | 1.18 | 1.06 | 1.10 | 1.14 |
| 48000 | 0.71 | 1.01 | 1.30 | 1.12 | 1.17 | 1.08 | 1.23 | 1.25 | 1.21 |
| 49000 | 0.92 | 1.24 | 1.61 | 1.41 | 1.46 | 1.50 | 1.50 | 1.49 | 1.51 |
| 50000 | 1.36 | 1.63 | 2.09 | 1.82 | 1.79 | 1.90 | 1.83 | 1.76 | 1.77 |

