

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | | | INPUT RETURN LOSS (dB) | | | OUTPUT RETURN LOSS (dB) | | |
|--------------------|------------------------|--------|---------|---------------------------|--------|---------|----------------------------|--------|---------|
| | @-55°C | @+25°C | @+125°C | @-55°C | @+25°C | @+125°C | @-55°C | @+25°C | @+125°C |
| 10.00 | 75.91 | 78.26 | 73.62 | 0.07 | 0.12 | 0.15 | 0.09 | 0.15 | 0.04 |
| 50.00 | 86.13 | 84.12 | 87.57 | 0.11 | 0.16 | 0.19 | 0.12 | 0.19 | 0.07 |
| 500.00 | 70.90 | 70.94 | 70.65 | 0.19 | 0.25 | 0.29 | 0.28 | 0.29 | 0.22 |
| 1000.00 | 68.05 | 68.45 | 68.30 | 0.17 | 0.23 | 0.27 | 0.25 | 0.27 | 0.19 |
| 2000.00 | 56.41 | 56.07 | 55.53 | -0.01 | 0.10 | 0.16 | 0.11 | 0.16 | 0.01 |
| 3000.00 | 27.40 | 26.90 | 26.21 | 0.40 | 0.53 | 0.64 | 0.53 | 0.64 | 0.42 |
| 3500.00 | 11.19 | 10.41 | 9.51 | 1.43 | 1.76 | 2.23 | 1.75 | 2.23 | 1.43 |
| 4000.00 | 1.28 | 1.42 | 1.56 | 22.66 | 20.44 | 18.55 | 18.96 | 18.55 | 20.45 |
| 4500.00 | 0.85 | 0.95 | 1.04 | 20.20 | 21.70 | 24.67 | 21.02 | 24.67 | 19.77 |
| 5000.00 | 0.78 | 0.89 | 1.00 | 16.50 | 15.79 | 15.09 | 15.52 | 15.09 | 16.11 |
| 5500.00 | 0.96 | 1.03 | 1.10 | 10.91 | 11.10 | 11.18 | 11.11 | 11.18 | 10.97 |
| 6000.00 | 0.92 | 1.00 | 1.05 | 10.95 | 11.04 | 11.20 | 11.06 | 11.20 | 10.99 |
| 6500.00 | 0.82 | 0.89 | 0.92 | 12.20 | 12.53 | 12.99 | 12.56 | 12.99 | 12.26 |
| 7000.00 | 0.74 | 0.80 | 0.83 | 13.95 | 14.43 | 15.06 | 14.38 | 15.06 | 13.96 |
| 7500.00 | 0.64 | 0.70 | 0.74 | 16.17 | 0.70 | 16.69 | 16.14 | 16.43 | 16.74 |
| 8000.00 | 0.55 | 0.59 | 0.63 | 18.21 | 19.43 | 20.06 | 19.54 | 20.06 | 18.42 |
| 8500.00 | 0.45 | 0.55 | 0.57 | 22.44 | 21.98 | 21.48 | 23.53 | 23.62 | 23.34 |
| 9000.00 | 0.38 | 0.45 | 0.50 | 42.88 | 37.80 | 37.97 | 34.55 | 37.97 | 31.85 |
| 9500.00 | 0.38 | 0.45 | 0.52 | 43.20 | 38.61 | 39.65 | 31.32 | 39.65 | 30.37 |
| 10000.00 | 0.48 | 0.54 | 0.60 | 35.08 | 36.94 | 33.33 | 30.78 | 33.33 | 30.23 |
| 10500.00 | 0.62 | 0.67 | 0.73 | 31.73 | 26.89 | 25.11 | 25.48 | 25.11 | 28.29 |
| 11000.00 | 0.76 | 0.79 | 0.83 | 25.26 | 24.65 | 24.35 | 23.70 | 24.35 | 24.81 |
| 11500.00 | 0.83 | 0.86 | 0.89 | 26.09 | 26.96 | 26.17 | 25.66 | 26.17 | 25.57 |
| 12000.00 | 0.84 | 0.88 | 0.93 | 31.89 | 29.55 | 27.31 | 27.11 | 27.31 | 28.10 |
| 12500.00 | 0.87 | 0.93 | 0.98 | 27.61 | 26.87 | 25.81 | 25.20 | 25.81 | 25.28 |
| 13000.00 | 0.91 | 0.99 | 1.06 | 22.24 | 21.83 | 20.57 | 21.30 | 20.57 | 21.36 |
| 13500.00 | 0.92 | 1.03 | 1.12 | 20.03 | 19.03 | 18.51 | 18.91 | 18.51 | 19.92 |
| 14000.00 | 0.89 | 1.02 | 1.12 | 20.16 | 19.88 | 20.81 | 20.05 | 20.81 | 20.71 |
| 14500.00 | 0.89 | 1.03 | 1.19 | 27.69 | 28.99 | 30.56 | 32.07 | 30.56 | 30.50 |
| 15000.00 | 1.12 | 1.33 | 1.64 | 21.38 | 19.18 | 16.68 | 19.60 | 16.68 | 22.58 |
| 16000.00 | 4.75 | 6.02 | 7.92 | 5.79 | 5.00 | 4.35 | 4.95 | 4.35 | 5.75 |
| 17000.00 | 24.48 | 27.79 | 30.08 | 2.56 | 2.66 | 2.90 | 2.33 | 2.90 | 2.25 |