

## Typical Performance Data

| FREQ.<br><br>(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                 | 6.46           | 6.63  | 6.64    | 1.12       | 1.12  | 1.12    | 1.12        | 1.12  | 1.12    |
| 100                | 6.47           | 6.65  | 6.65    | 1.03       | 1.03  | 1.02    | 1.02        | 1.02  | 1.02    |
| 500                | 6.47           | 6.65  | 6.65    | 1.04       | 1.03  | 1.03    | 1.04        | 1.03  | 1.03    |
| 1000               | 6.46           | 6.65  | 6.64    | 1.04       | 1.04  | 1.04    | 1.04        | 1.04  | 1.04    |
| 2000               | 6.39           | 6.57  | 6.57    | 1.04       | 1.04  | 1.05    | 1.04        | 1.04  | 1.05    |
| 3000               | 6.26           | 6.44  | 6.42    | 1.05       | 1.05  | 1.06    | 1.05        | 1.06  | 1.07    |
| 4000               | 6.07           | 6.25  | 6.24    | 1.07       | 1.08  | 1.09    | 1.08        | 1.09  | 1.10    |
| 5000               | 5.84           | 6.02  | 6.01    | 1.10       | 1.10  | 1.11    | 1.12        | 1.12  | 1.13    |
| 6000               | 5.59           | 5.78  | 5.78    | 1.16       | 1.16  | 1.16    | 1.17        | 1.17  | 1.18    |
| 7000               | 5.34           | 5.54  | 5.54    | 1.25       | 1.24  | 1.24    | 1.25        | 1.24  | 1.24    |
| 8000               | 5.07           | 5.28  | 5.28    | 1.34       | 1.33  | 1.33    | 1.33        | 1.32  | 1.32    |
| 9000               | 4.75           | 4.95  | 4.93    | 1.38       | 1.35  | 1.35    | 1.36        | 1.34  | 1.34    |
| 10000              | 4.35           | 4.56  | 4.52    | 1.30       | 1.27  | 1.26    | 1.28        | 1.25  | 1.24    |
| 11000              | 3.96           | 4.18  | 4.16    | 1.15       | 1.13  | 1.12    | 1.10        | 1.09  | 1.08    |
| 12000              | 3.64           | 3.86  | 3.86    | 1.09       | 1.06  | 1.05    | 1.07        | 1.06  | 1.06    |
| 13000              | 3.36           | 3.58  | 3.57    | 1.14       | 1.10  | 1.07    | 1.15        | 1.13  | 1.12    |
| 14000              | 3.07           | 3.29  | 3.25    | 1.13       | 1.11  | 1.09    | 1.16        | 1.15  | 1.13    |
| 15000              | 2.81           | 3.02  | 2.99    | 1.15       | 1.14  | 1.13    | 1.20        | 1.19  | 1.18    |
| 16000              | 2.58           | 2.79  | 2.78    | 1.22       | 1.23  | 1.21    | 1.29        | 1.29  | 1.27    |
| 17000              | 2.34           | 2.56  | 2.56    | 1.28       | 1.29  | 1.26    | 1.36        | 1.35  | 1.33    |
| 18000              | 2.05           | 2.26  | 2.24    | 1.24       | 1.20  | 1.18    | 1.29        | 1.25  | 1.23    |
| 19000              | 1.73           | 1.96  | 1.94    | 1.12       | 1.07  | 1.07    | 1.15        | 1.11  | 1.09    |
| 20000              | 1.48           | 1.74  | 1.75    | 1.12       | 1.11  | 1.12    | 1.09        | 1.09  | 1.08    |
| 21000              | 1.39           | 1.60  | 1.61    | 1.28       | 1.21  | 1.16    | 1.24        | 1.17  | 1.13    |
| 22000              | 1.29           | 1.48  | 1.47    | 1.28       | 1.26  | 1.17    | 1.25        | 1.22  | 1.14    |
| 23000              | 1.08           | 1.32  | 1.31    | 1.19       | 1.23  | 1.16    | 1.16        | 1.21  | 1.14    |
| 24000              | 0.91           | 1.14  | 1.17    | 1.20       | 1.18  | 1.19    | 1.16        | 1.14  | 1.14    |
| 25000              | 0.80           | 1.01  | 1.06    | 1.28       | 1.20  | 1.25    | 1.23        | 1.17  | 1.21    |
| 26000              | 0.65           | 0.91  | 0.97    | 1.24       | 1.25  | 1.27    | 1.20        | 1.23  | 1.26    |
| 27000              | 0.51           | 0.81  | 0.86    | 1.19       | 1.22  | 1.22    | 1.17        | 1.20  | 1.20    |
| 28000              | 0.48           | 0.71  | 0.75    | 1.21       | 1.17  | 1.15    | 1.18        | 1.12  | 1.10    |
| 29000              | 0.45           | 0.67  | 0.69    | 1.22       | 1.19  | 1.15    | 1.20        | 1.17  | 1.14    |
| 30000              | 0.40           | 0.72  | 0.71    | 1.23       | 1.33  | 1.28    | 1.23        | 1.31  | 1.26    |
| 31000              | 0.50           | 0.81  | 0.86    | 1.54       | 1.56  | 1.56    | 1.52        | 1.53  | 1.53    |
| 32000              | 0.78           | 0.94  | 1.08    | 2.03       | 1.82  | 1.89    | 1.97        | 1.79  | 1.86    |
| 33000              | 0.70           | 0.97  | 1.00    | 2.07       | 1.92  | 1.93    | 2.01        | 1.92  | 1.92    |
| 34000              | 0.37           | 0.72  | 0.59    | 1.64       | 1.65  | 1.55    | 1.58        | 1.63  | 1.52    |
| 35000              | 0.23           | 0.46  | 0.37    | 1.31       | 1.28  | 1.19    | 1.27        | 1.20  | 1.11    |
| 36000              | 0.21           | 0.46  | 0.47    | 1.14       | 1.11  | 1.07    | 1.06        | 1.05  | 1.09    |
| 37000              | 0.29           | 0.58  | 0.66    | 1.12       | 1.04  | 1.02    | 1.12        | 1.08  | 1.10    |
| 38000              | 0.38           | 0.72  | 0.79    | 1.04       | 1.10  | 1.17    | 1.07        | 1.11  | 1.16    |
| 39000              | 0.58           | 0.97  | 1.02    | 1.36       | 1.38  | 1.45    | 1.30        | 1.36  | 1.40    |
| 40000              | 0.89           | 1.28  | 1.24    | 1.63       | 1.64  | 1.64    | 1.59        | 1.63  | 1.63    |