

*Typical Performance Data*

| FREQUENCY<br>(MHz) | INSERTION LOSS<br>(dB) | COUPLING<br>(dB) | DIRECTIVITY<br>(dB) | RETURN LOSS<br>(dB) |       |       |
|--------------------|------------------------|------------------|---------------------|---------------------|-------|-------|
|                    |                        |                  |                     | IN                  | OUT   | CPL   |
| 15.0               | 0.92                   | 12.68            | 21.49               | 10.92               | 10.84 | 11.01 |
| 20.0               | 0.90                   | 12.72            | 23.11               | 13.81               | 14.08 | 13.86 |
| 25.0               | 1.01                   | 12.84            | 24.06               | 15.38               | 16.28 | 15.39 |
| 30.0               | 1.09                   | 12.93            | 24.46               | 16.02               | 17.42 | 16.02 |
| 50.0               | 1.15                   | 13.04            | 25.33               | 17.04               | 19.36 | 17.04 |
| 70.0               | 1.10                   | 13.05            | 25.62               | 17.82               | 20.60 | 17.79 |
| 100.0              | 1.03                   | 13.03            | 25.62               | 18.80               | 22.23 | 18.77 |
| 125.0              | 0.98                   | 13.01            | 25.55               | 19.41               | 23.31 | 19.35 |
| 150.0              | 0.95                   | 13.01            | 25.44               | 19.86               | 24.12 | 19.80 |
| 175.0              | 0.93                   | 13.00            | 25.54               | 20.26               | 24.76 | 20.21 |
| 200.0              | 0.91                   | 13.00            | 25.67               | 20.63               | 25.41 | 20.60 |
| 225.0              | 0.90                   | 13.00            | 25.54               | 20.97               | 26.25 | 20.92 |
| 250.0              | 0.89                   | 13.00            | 25.14               | 21.21               | 27.22 | 21.15 |
| 275.0              | 0.88                   | 13.01            | 24.70               | 21.37               | 27.97 | 21.35 |
| 300.0              | 0.88                   | 13.01            | 24.69               | 21.53               | 28.11 | 21.59 |
| 325.0              | 0.87                   | 13.02            | 24.75               | 21.72               | 28.17 | 21.89 |
| 350.0              | 0.86                   | 13.02            | 24.59               | 21.92               | 28.83 | 22.20 |
| 375.0              | 0.86                   | 13.02            | 24.26               | 22.07               | 29.91 | 22.46 |
| 400.0              | 0.86                   | 13.03            | 23.80               | 22.19               | 30.78 | 22.64 |
| 425.0              | 0.85                   | 13.03            | 23.55               | 22.35               | 31.01 | 22.84 |
| 450.0              | 0.85                   | 13.03            | 23.44               | 22.53               | 31.31 | 23.16 |
| 475.0              | 0.85                   | 13.03            | 23.29               | 22.64               | 32.28 | 23.51 |
| 500.0              | 0.85                   | 13.04            | 23.11               | 22.73               | 33.28 | 23.75 |
| 512.0              | 0.85                   | 13.03            | 22.93               | 22.79               | 33.62 | 23.84 |
| 525.0              | 0.85                   | 13.04            | 22.70               | 22.89               | 33.93 | 23.94 |
| 550.0              | 0.85                   | 13.03            | 22.34               | 23.07               | 34.65 | 24.25 |
| 575.0              | 0.85                   | 13.02            | 21.98               | 23.16               | 35.34 | 24.71 |
| 600.0              | 0.85                   | 13.03            | 21.79               | 23.24               | 35.55 | 25.22 |
| 625.0              | 0.85                   | 13.03            | 21.61               | 23.41               | 35.41 | 25.54 |
| 650.0              | 0.85                   | 13.03            | 21.28               | 23.73               | 35.56 | 25.85 |
| 675.0              | 0.85                   | 13.03            | 21.16               | 23.97               | 36.94 | 26.39 |
| 700.0              | 0.85                   | 13.03            | 21.11               | 24.03               | 37.64 | 27.04 |
| 725.0              | 0.85                   | 13.02            | 20.63               | 24.09               | 36.53 | 27.57 |
| 750.0              | 0.85                   | 13.02            | 20.29               | 24.39               | 36.09 | 28.02 |
| 775.0              | 0.86                   | 13.03            | 20.22               | 24.69               | 36.31 | 28.57 |
| 800.0              | 0.86                   | 13.02            | 20.08               | 24.81               | 36.38 | 29.23 |
| 825.0              | 0.86                   | 13.01            | 19.80               | 24.91               | 35.39 | 29.91 |
| 850.0              | 0.87                   | 13.01            | 19.28               | 25.23               | 34.16 | 30.65 |
| 875.0              | 0.87                   | 13.01            | 19.14               | 25.51               | 34.22 | 31.53 |
| 900.0              | 0.88                   | 13.00            | 19.20               | 25.58               | 34.42 | 32.53 |
| 925.0              | 0.88                   | 13.00            | 18.87               | 25.64               | 33.51 | 33.35 |
| 950.0              | 0.89                   | 12.99            | 18.34               | 25.94               | 32.08 | 34.08 |
| 975.0              | 0.89                   | 12.99            | 18.08               | 26.26               | 31.39 | 35.34 |
| 1000.0             | 0.90                   | 12.98            | 18.26               | 26.33               | 31.42 | 37.21 |
| 1025.0             | 0.91                   | 12.98            | 17.99               | 26.35               | 30.70 | 38.74 |
| 1050.0             | 0.91                   | 12.97            | 17.31               | 26.53               | 29.54 | 39.63 |
| 1075.0             | 0.92                   | 12.97            | 17.20               | 26.78               | 29.35 | 41.02 |
| 1100.0             | 0.93                   | 12.96            | 17.30               | 26.73               | 29.28 | 42.89 |
| 1125.0             | 0.94                   | 12.96            | 16.98               | 26.61               | 28.67 | 42.33 |
| 1150.0             | 0.95                   | 12.95            | 16.47               | 26.64               | 27.94 | 40.76 |
| 1175.0             | 0.96                   | 12.95            | 16.26               | 26.66               | 27.62 | 39.94 |
| 1200.0             | 0.97                   | 12.94            | 16.41               | 26.52               | 27.58 | 38.83 |
| 1225.0             | 0.97                   | 12.94            | 16.16               | 26.35               | 26.99 | 37.17 |
| 1250.0             | 0.98                   | 12.93            | 15.52               | 26.20               | 26.09 | 35.77 |
| 1275.0             | 1.00                   | 12.93            | 15.44               | 26.00               | 25.98 | 34.96 |
| 1300.0             | 1.01                   | 12.93            | 15.63               | 25.69               | 26.03 | 34.15 |
| 1325.0             | 1.02                   | 12.92            | 15.37               | 25.40               | 25.51 | 33.15 |
| 1350.0             | 1.03                   | 12.92            | 14.73               | 25.20               | 24.74 | 32.48 |
| 1375.0             | 1.05                   | 12.92            | 14.66               | 24.87               | 24.66 | 32.20 |
| 1400.0             | 1.06                   | 12.91            | 14.92               | 24.45               | 24.73 | 31.86 |
| 1425.0             | 1.07                   | 12.91            | 14.66               | 24.14               | 24.26 | 31.21 |
| 1450.0             | 1.09                   | 12.91            | 14.11               | 23.89               | 23.60 | 30.64 |
| 1475.0             | 1.11                   | 12.90            | 14.04               | 23.51               | 23.42 | 30.50 |
| 1500.0             | 1.12                   | 12.90            | 14.19               | 23.03               | 23.35 | 30.51 |