

## Typical Performance Data

| FREQ. | INSERTION LOSS | INPUT RETURN LOSS | OUTPUT RETURN LOSS |
|-------|----------------|-------------------|--------------------|
| (MHz) | (dB)           | (dB)              | (dB)               |
| 10    | 0.13           | 34.14             | 33.63              |
| 100   | 0.33           | 26.25             | 28.38              |
| 200   | 0.50           | 25.04             | 32.66              |
| 300   | 0.67           | 27.76             | 32.06              |
| 450   | 1.03           | 27.23             | 32.65              |
| 500   | 1.27           | 19.76             | 21.37              |
| 600   | 2.59           | 12.33             | 10.36              |
| 620   | 3.18           | 12.09             | 8.91               |
| 640   | 4.13           | 12.09             | 7.35               |
| 650   | 4.88           | 11.67             | 6.43               |
| 700   | 14.95          | 4.64              | 2.55               |
| 715   | 20.29          | 3.58              | 2.15               |
| 720   | 22.28          | 3.33              | 2.07               |
| 740   | 31.69          | 2.65              | 1.87               |
| 750   | 37.31          | 2.42              | 1.81               |
| 800   | 43.39          | 1.79              | 1.68               |
| 850   | 48.36          | 1.48              | 1.58               |
| 875   | 42.83          | 1.37              | 1.53               |
| 900   | 39.97          | 1.27              | 1.48               |
| 950   | 38.01          | 1.11              | 1.37               |
| 975   | 37.77          | 1.05              | 1.33               |
| 1000  | 37.95          | 1.00              | 1.28               |
| 1250  | 49.97          | 0.67              | 1.33               |
| 1500  | 53.71          | 0.56              | 2.05               |
| 1750  | 50.60          | 0.50              | 2.33               |
| 2000  | 67.17          | 0.46              | 1.75               |
| 2500  | 88.89          | 0.38              | 1.07               |
| 2750  | 73.91          | 0.34              | 0.98               |
| 3000  | 75.51          | 0.30              | 0.94               |
| 3500  | 76.26          | 0.26              | 0.99               |
| 3750  | 83.76          | 0.28              | 1.08               |
| 4000  | 80.00          | 0.38              | 1.15               |
| 4500  | 67.17          | 2.41              | 1.20               |
| 5000  | 59.06          | 5.96              | 1.67               |
| 5500  | 60.22          | 7.69              | 2.30               |
| 6000  | 67.35          | 3.22              | 1.22               |
| 6500  | 73.26          | 1.58              | 0.80               |
| 7000  | 80.17          | 0.88              | 0.63               |
| 7500  | 58.61          | 0.61              | 0.59               |
| 8000  | 60.31          | 0.45              | 0.57               |
| 8500  | 51.43          | 1.35              | 0.56               |
| 9000  | 54.24          | 0.62              | 0.61               |
| 10000 | 54.26          | 1.18              | 0.67               |
| 11000 | 48.41          | 2.80              | 0.77               |
| 11500 | 48.11          | 5.63              | 0.83               |
| 12000 | 53.26          | 4.69              | 2.40               |
| 12500 | 54.33          | 2.91              | 4.87               |
| 13000 | 53.70          | 1.82              | 0.93               |
| 13500 | 55.63          | 1.18              | 0.64               |
| 14000 | 61.90          | 1.11              | 0.40               |
| 14500 | 57.61          | 1.03              | 0.44               |
| 15000 | 51.67          | 1.29              | 0.40               |
| 15500 | 61.42          | 1.38              | 0.44               |
| 16000 | 55.99          | 1.30              | 0.48               |
| 16500 | 46.31          | 2.51              | 0.83               |
| 17000 | 46.08          | 2.75              | 0.74               |
| 18500 | 53.20          | 6.59              | 1.57               |
| 19000 | 44.24          | 2.63              | 2.00               |
| 19500 | 38.27          | 1.71              | 2.66               |
| 20000 | 33.73          | 4.76              | 2.74               |