

Typical Performance Data

| FREQ. | Insertion Loss | Input Return Loss | Output Return Loss | FREQ. | Group Delay |
|-------|----------------|-------------------|--------------------|-------|-------------|
| (MHz) | (dB) | (dB) | (dB) | (MHz) | (ns) |
| 10 | 90.76 | 0.10 | 0.12 | 8200 | 0.41 |
| 50 | 78.02 | 0.16 | 0.19 | 8400 | 0.37 |
| 100 | 72.59 | 0.20 | 0.24 | 8600 | 0.34 |
| 160 | 68.27 | 0.25 | 0.29 | 8800 | 0.32 |
| 200 | 66.44 | 0.28 | 0.32 | 9000 | 0.31 |
| 260 | 64.13 | 0.31 | 0.35 | 9200 | 0.30 |
| 300 | 63.11 | 0.34 | 0.37 | 9400 | 0.29 |
| 360 | 61.73 | 0.37 | 0.39 | 9600 | 0.28 |
| 400 | 60.73 | 0.38 | 0.41 | 9800 | 0.27 |
| 460 | 59.69 | 0.41 | 0.43 | 10000 | 0.26 |
| 500 | 58.93 | 0.42 | 0.44 | 10200 | 0.26 |
| 560 | 58.02 | 0.44 | 0.45 | 10400 | 0.25 |
| 600 | 57.49 | 0.45 | 0.46 | 10600 | 0.25 |
| 700 | 56.29 | 0.48 | 0.48 | 10800 | 0.24 |
| 800 | 55.26 | 0.49 | 0.49 | 11000 | 0.24 |
| 900 | 54.39 | 0.51 | 0.50 | 11200 | 0.23 |
| 1000 | 53.62 | 0.51 | 0.51 | 11400 | 0.23 |
| 1200 | 52.40 | 0.52 | 0.51 | 11600 | 0.23 |
| 1400 | 51.42 | 0.51 | 0.50 | 11800 | 0.23 |
| 1600 | 50.70 | 0.49 | 0.48 | 12000 | 0.22 |
| 2000 | 49.88 | 0.43 | 0.43 | 12200 | 0.22 |
| 2500 | 49.80 | 0.37 | 0.37 | 12400 | 0.22 |
| 3000 | 50.95 | 0.33 | 0.33 | 12600 | 0.22 |
| 3500 | 53.63 | 0.35 | 0.35 | 12800 | 0.22 |
| 4000 | 58.60 | 0.46 | 0.44 | 13000 | 0.22 |
| 4500 | 67.82 | 0.64 | 0.60 | 13200 | 0.21 |
| 5000 | 82.38 | 0.87 | 0.80 | 13400 | 0.21 |
| 5500 | 58.77 | 1.10 | 1.02 | 13600 | 0.21 |
| 6000 | 42.63 | 1.30 | 1.23 | 13800 | 0.21 |
| 6440 | 30.33 | 1.45 | 1.40 | 14000 | 0.21 |
| 6820 | 20.47 | 1.67 | 1.63 | 14200 | 0.21 |
| 7240 | 10.17 | 2.91 | 2.82 | 14400 | 0.21 |
| 7600 | 3.91 | 9.07 | 8.53 | 14600 | 0.20 |
| 8200 | 1.99 | 15.11 | 14.43 | 14800 | 0.20 |
| 9000 | 1.60 | 14.13 | 13.87 | 15000 | 0.20 |
| 9500 | 1.40 | 16.88 | 16.38 | 15200 | 0.20 |
| 9800 | 1.32 | 19.10 | 18.14 | 15400 | 0.20 |
| 10000 | 1.28 | 20.71 | 19.27 | 15600 | 0.20 |
| 10300 | 1.23 | 23.30 | 20.83 | 15800 | 0.20 |
| 10600 | 1.19 | 25.88 | 22.18 | 16000 | 0.20 |
| 11000 | 1.15 | 28.29 | 23.74 | 16200 | 0.20 |
| 11300 | 1.14 | 29.48 | 25.17 | 16400 | 0.20 |
| 11600 | 1.12 | 30.34 | 26.94 | 16600 | 0.20 |
| 12000 | 1.11 | 31.87 | 30.01 | 16800 | 0.20 |
| 12300 | 1.10 | 31.30 | 30.29 | 17000 | 0.20 |
| 12600 | 1.10 | 28.70 | 27.64 | 17200 | 0.20 |
| 13000 | 1.11 | 24.28 | 23.36 | 17400 | 0.20 |
| 13300 | 1.13 | 21.52 | 20.76 | 17600 | 0.20 |
| 13600 | 1.16 | 19.21 | 18.68 | 17800 | 0.20 |
| 14000 | 1.21 | 16.83 | 16.53 | 18000 | 0.20 |
| 14300 | 1.26 | 15.44 | 15.28 | 18200 | 0.20 |
| 14600 | 1.32 | 14.27 | 14.28 | 18400 | 0.20 |
| 15000 | 1.39 | 13.14 | 13.29 | 18600 | 0.20 |
| 15500 | 1.45 | 12.27 | 12.56 | 18800 | 0.20 |
| 16000 | 1.47 | 11.99 | 12.35 | 19000 | 0.20 |
| 17000 | 1.39 | 13.22 | 13.70 | 19200 | 0.20 |
| 18000 | 1.29 | 16.91 | 17.62 | 19500 | 0.20 |
| 19000 | 1.28 | 21.35 | 23.60 | 20000 | 0.20 |
| 20000 | 1.33 | 25.72 | 31.37 | 20500 | 0.21 |
| 21000 | 1.41 | 31.36 | 33.92 | 21000 | 0.21 |