

Typical Performance Data

| FREQUENCY (MHz) | AVERAGE INSERTION LOSS* (dB) | INPUT RETURN LOSS (dB) | AMPLITUDE UNBALANCE (dB) | PHASE UNBALANCE** (deg) |
|--------------------|---------------------------------------|---------------------------------|--------------------------------|-------------------------------|
| 2200 | 4.54 | 2.79 | 2.98 | 7.06 |
| 2300 | 3.56 | 3.50 | 2.55 | 7.74 |
| 2400 | 2.70 | 4.40 | 2.17 | 8.24 |
| 2500 | 1.98 | 5.53 | 1.84 | 8.67 |
| 2600 | 1.39 | 6.91 | 1.54 | 8.88 |
| 2700 | 0.94 | 8.56 | 1.32 | 9.04 |
| 2800 | 0.62 | 10.45 | 1.14 | 9.12 |
| 2900 | 0.39 | 12.62 | 0.99 | 9.25 |
| 3000 | 0.22 | 15.02 | 0.86 | 9.27 |
| 3100 | 0.12 | 17.58 | 0.74 | 9.30 |
| 3200 | 0.06 | 20.06 | 0.62 | 9.11 |
| 3300 | 0.03 | 22.45 | 0.50 | 8.83 |
| 3350 | 0.02 | 23.58 | 0.46 | 8.56 |
| 3400 | 0.01 | 24.30 | 0.37 | 8.15 |
| 3425 | 0.01 | 24.56 | 0.37 | 8.19 |
| 3450 | 0.01 | 24.81 | 0.35 | 7.96 |
| 3475 | 0.01 | 24.83 | 0.31 | 7.48 |
| 3500 | 0.00 | 25.05 | 0.26 | 7.29 |
| 3525 | 0.01 | 25.01 | 0.25 | 7.30 |
| 3550 | 0.02 | 24.73 | 0.24 | 7.17 |
| 3575 | 0.02 | 24.49 | 0.22 | 6.61 |
| 3600 | 0.02 | 24.38 | 0.16 | 6.24 |
| 3625 | 0.02 | 24.15 | 0.14 | 6.12 |
| 3650 | 0.03 | 23.67 | 0.13 | 5.98 |
| 3675 | 0.04 | 23.14 | 0.12 | 5.51 |
| 3700 | 0.04 | 22.74 | 0.06 | 5.06 |
| 3725 | 0.05 | 22.36 | 0.03 | 4.83 |
| 3750 | 0.06 | 21.91 | 0.04 | 4.62 |
| 3775 | 0.06 | 21.41 | 0.03 | 4.35 |
| 3800 | 0.07 | 20.87 | 0.01 | 3.96 |
| 3825 | 0.08 | 20.47 | 0.02 | 3.48 |
| 3850 | 0.09 | 20.06 | 0.01 | 3.10 |
| 3875 | 0.10 | 19.53 | 0.02 | 2.97 |
| 3900 | 0.12 | 18.96 | 0.04 | 2.68 |
| 3925 | 0.12 | 18.55 | 0.06 | 2.13 |
| 3950 | 0.13 | 18.23 | 0.06 | 1.69 |
| 3975 | 0.15 | 17.83 | 0.05 | 1.58 |
| 4000 | 0.16 | 17.33 | 0.05 | 1.41 |
| 4025 | 0.17 | 16.89 | 0.06 | 0.95 |
| 4050 | 0.18 | 16.56 | 0.05 | 0.41 |
| 4075 | 0.20 | 16.27 | 0.05 | 0.22 |
| 4100 | 0.21 | 15.88 | 0.03 | 0.16 |
| 4150 | 0.25 | 15.09 | 0.01 | 0.60 |
| 4200 | 0.28 | 14.56 | 0.04 | 0.85 |
| 4250 | 0.33 | 13.82 | 0.13 | 1.29 |
| 4300 | 0.36 | 13.38 | 0.16 | 1.73 |
| 4400 | 0.47 | 12.26 | 0.35 | 2.38 |
| 4500 | 0.59 | 11.32 | 0.58 | 3.08 |
| 4600 | 0.73 | 10.45 | 0.87 | 3.61 |
| 4700 | 0.90 | 9.70 | 1.22 | 4.55 |
| 5000 | 1.55 | 8.17 | 3.00 | 13.27 |

* Insertion Loss is referenced to mid-band loss , 0.9 dB.

**Phase Unbalance is relative to 180°