

RF Transformer

TC1-1-43A+

Typical Performance Data

| FREQUENCY MHz | AVERAGE INSERTION LOSS (dB) | INPUT RETURN LOSS (dB) | AMPLITUDE UNBALANCE (dB) | PHASE UNBALANCE (deg.) |
|------------------|--------------------------------------|---------------------------------|--------------------------------|------------------------------|
| 650.0 | 0.30 | 19.40 | 0.72 | 7.04 |
| 700.0 | 0.30 | 19.03 | 0.70 | 6.11 |
| 750.0 | 0.31 | 19.48 | 0.65 | 5.46 |
| 800.0 | 0.32 | 19.01 | 0.65 | 4.73 |
| 900.0 | 0.33 | 19.01 | 0.59 | 4.12 |
| 1000.0 | 0.35 | 18.85 | 0.50 | 3.45 |
| 1200.0 | 0.40 | 18.26 | 0.37 | 1.90 |
| 1400.0 | 0.42 | 17.29 | 0.27 | 1.06 |
| 1600.0 | 0.45 | 16.34 | 0.15 | 0.32 |
| 1800.0 | 0.48 | 15.68 | 0.04 | 0.37 |
| 2000.0 | 0.53 | 15.36 | 0.05 | 0.42 |
| 2200.0 | 0.58 | 15.34 | 0.18 | 0.52 |
| 2400.0 | 0.62 | 15.45 | 0.29 | 0.05 |
| 2600.0 | 0.62 | 16.20 | 0.40 | 0.66 |
| 2800.0 | 0.60 | 17.83 | 0.49 | 1.00 |
| 3000.0 | 0.57 | 20.76 | 0.56 | 1.07 |
| 3200.0 | 0.61 | 21.60 | 0.69 | 0.63 |
| 3400.0 | 0.75 | 16.64 | 0.74 | 1.98 |
| 3600.0 | 1.00 | 12.03 | 0.67 | 3.49 |
| 3800.0 | 1.34 | 9.18 | 0.41 | 4.79 |
| 3900.0 | 1.52 | 8.24 | 0.24 | 5.41 |
| 3950.0 | 1.61 | 7.64 | 0.20 | 5.57 |
| 4000.0 | 1.71 | 7.51 | 0.09 | 5.95 |