

RF Transformer

TC1-33-75-5+

Typical Performance Data

| FREQUENCY (MHz) | AVERAGE INSERTION LOSS (dB) | INPUT RETURN LOSS (dB) | AMPLITUDE UNBALANCE (dB) | PHASE UNBALANCE (deg.) |
|--------------------|--------------------------------------|---------------------------------|--------------------------------|------------------------------|
| 1.00 | 1.85 | 10.86 | 0.38 | 2.91 |
| 10.00 | 0.88 | 20.01 | 0.04 | 0.84 |
| 20.00 | 0.84 | 20.94 | 0.02 | 0.60 |
| 30.00 | 0.84 | 21.21 | 0.00 | 0.56 |
| 40.00 | 0.84 | 21.37 | 0.00 | 0.58 |
| 60.00 | 0.85 | 21.59 | 0.01 | 0.66 |
| 80.00 | 0.86 | 21.75 | 0.00 | 0.76 |
| 100.00 | 0.86 | 21.90 | 0.01 | 0.92 |
| 150.00 | 0.88 | 22.30 | 0.03 | 1.18 |
| 200.00 | 0.89 | 22.94 | 0.03 | 1.32 |
| 250.00 | 0.90 | 23.30 | 0.01 | 2.02 |
| 300.00 | 0.90 | 24.26 | 0.03 | 2.11 |
| 350.00 | 0.91 | 24.90 | 0.01 | 2.08 |
| 400.00 | 0.92 | 25.48 | 0.03 | 2.54 |
| 450.00 | 0.94 | 25.90 | 0.09 | 2.63 |
| 500.00 | 0.93 | 26.20 | 0.10 | 3.63 |
| 520.00 | 0.92 | 26.38 | 0.08 | 3.77 |
| 532.00 | 0.92 | 26.46 | 0.08 | 3.82 |
| 550.00 | 0.92 | 26.51 | 0.09 | 4.01 |
| 600.00 | 0.91 | 26.54 | 0.05 | 4.33 |
| 700.00 | 0.91 | 25.05 | 0.04 | 4.50 |
| 800.00 | 0.93 | 23.05 | 0.08 | 4.65 |
| 900.00 | 0.94 | 21.26 | 0.13 | 4.81 |
| 1000.00 | 0.97 | 19.72 | 0.18 | 4.76 |
| 1100.00 | 1.02 | 18.38 | 0.29 | 4.45 |
| 1200.00 | 1.06 | 17.38 | 0.42 | 4.38 |
| 1300.00 | 1.10 | 16.60 | 0.53 | 4.29 |
| 1400.00 | 1.16 | 15.96 | 0.64 | 3.99 |
| 1500.00 | 1.22 | 15.43 | 0.77 | 3.62 |
| 1600.00 | 1.29 | 14.99 | 0.91 | 3.17 |
| 1700.00 | 1.36 | 14.73 | 1.04 | 2.70 |
| 1800.00 | 1.44 | 14.48 | 1.16 | 2.09 |
| 1900.00 | 1.53 | 14.20 | 1.28 | 1.38 |
| 2000.00 | 1.62 | 13.94 | 1.40 | 0.56 |
| 2200.00 | 1.84 | 13.38 | 1.58 | 1.53 |
| 2400.00 | 2.08 | 12.54 | 1.84 | 4.10 |
| 2600.00 | 2.37 | 11.61 | 2.01 | 6.62 |
| 2800.00 | 2.71 | 10.58 | 2.09 | 9.52 |
| 3000.00 | 3.11 | 9.59 | 2.06 | 12.70 |



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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