

RF Transformer

NCR2-123+

Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg.)
4700.00	0.52	9.46	0.80	8.92
4800.00	0.42	10.20	0.73	9.40
4900.00	0.34	10.93	0.67	9.84
5000.00	0.27	11.68	0.62	10.26
5100.00	0.21	12.41	0.56	10.62
5200.00	0.17	13.12	0.53	10.96
5300.00	0.13	13.85	0.49	11.27
5400.00	0.09	14.59	0.46	11.51
5500.00	0.07	15.26	0.44	11.74
5600.00	0.05	15.81	0.42	11.91
5700.00	0.04	16.27	0.41	12.04
5800.00	0.03	16.61	0.40	12.11
5900.00	0.03	16.84	0.39	12.14
6000.00	0.03	16.99	0.39	12.12
6100.00	0.03	17.04	0.39	12.02
6200.00	0.03	17.09	0.40	11.89
6300.00	0.03	17.01	0.39	11.74
6400.00	0.03	16.84	0.40	11.54
6500.00	0.04	16.57	0.42	11.29
6600.00	0.05	16.26	0.42	10.92
6700.00	0.06	15.99	0.43	10.57
6800.00	0.07	15.71	0.44	10.19
6900.00	0.08	15.47	0.45	9.69
7000.00	0.10	15.21	0.46	9.22
7100.00	0.11	14.96	0.45	8.63
7200.00	0.12	14.70	0.45	8.06
7300.00	0.14	14.43	0.45	7.47
7400.00	0.15	14.16	0.43	6.83
7500.00	0.17	13.86	0.42	6.20
7600.00	0.18	13.63	0.40	5.52
7700.00	0.20	13.45	0.37	4.87
7800.00	0.21	13.29	0.34	4.20
7900.00	0.23	13.13	0.29	3.57
8000.00	0.24	12.93	0.26	3.00
8100.00	0.26	12.77	0.21	2.41
8200.00	0.27	12.62	0.16	1.93
8300.00	0.29	12.45	0.10	1.50
8400.00	0.30	12.30	0.05	1.10
8500.00	0.32	12.19	0.00	0.81
8600.00	0.33	12.13	0.05	0.58
8700.00	0.34	12.10	0.09	0.41
8800.00	0.36	12.04	0.13	0.34
8900.00	0.37	11.99	0.15	0.32
9000.00	0.38	11.94	0.17	0.37
9100.00	0.39	11.95	0.17	0.43
9200.00	0.39	11.94	0.15	0.55
9300.00	0.40	11.96	0.13	0.72
9400.00	0.41	12.03	0.09	0.85
9500.00	0.41	12.17	0.03	1.02
10000.00	0.40	13.26	0.45	1.22
10500.00	0.36	15.58	1.07	0.28
11000.00	0.36	19.30	1.74	1.47
11500.00	0.43	20.78	2.33	3.38
12000.00	0.56	16.93	2.89	4.81

*Insertion Loss is referenced to mid-band loss, 0.50dB

**Relative to 180°

