

RF Transformer

NCS2-ED12817/34B31

Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg)
1000	33.70	0.32	23.20	30.50
2000	17.82	0.82	11.28	4.04
3000	8.94	2.55	5.15	14.45
4000	5.17	6.47	1.81	14.05
4900	4.21	10.62	0.00	8.44
4925	4.21	10.71	0.03	8.17
4950	4.18	10.71	0.07	7.99
5000	4.18	11.24	0.07	7.23
5040	4.17	11.35	0.09	6.87
5060	4.17	11.36	0.09	6.70
5080	4.17	11.54	0.10	6.35
5100	4.16	11.82	0.12	6.08
5120	4.15	12.01	0.13	6.00
5140	4.15	12.03	0.14	5.93
5160	4.15	12.02	0.11	5.78
5180	4.14	12.15	0.10	5.40
5200	4.13	12.42	0.11	5.15
5220	4.11	12.67	0.11	5.22
5240	4.11	12.74	0.08	5.14
5260	4.11	12.71	0.06	4.84
5280	4.12	12.78	0.07	4.44
5300	4.10	13.02	0.08	4.29
5320	4.09	13.26	0.09	4.41
5340	4.09	13.33	0.05	4.46
5360	4.09	13.30	0.02	4.21
5380	4.10	13.35	0.01	3.82
5400	4.10	13.54	0.00	3.79
5440	4.08	13.77	0.04	3.85
5460	4.08	13.79	0.05	3.72
5480	4.09	13.91	0.06	3.49
5500	4.10	14.08	0.08	3.43
5540	4.10	13.95	0.17	3.42
5560	4.11	13.89	0.19	3.23
5580	4.12	13.97	0.21	3.08
5600	4.13	14.04	0.24	3.11
5620	4.13	13.93	0.28	2.97
5640	4.14	13.77	0.34	2.71
5660	4.15	13.74	0.36	2.49
5680	4.17	13.84	0.38	2.22
5700	4.18	13.82	0.38	2.22
5720	4.19	13.59	0.43	2.18
5740	4.20	13.32	0.52	1.93
5760	4.23	13.18	0.57	1.59
5780	4.25	13.19	0.59	1.39
5800	4.26	13.13	0.61	1.32
5820	4.27	12.92	0.66	1.13
5840	4.29	12.68	0.76	0.77
5860	4.31	12.51	0.83	0.26
5880	4.34	12.42	0.87	0.06
5900	4.35	12.29	0.90	0.12
6000	4.48	11.38	1.33	1.69
6500	5.72	8.14	5.17	27.14
7000	5.42	7.17	2.73	85.61
8500	9.10	3.77	7.52	79.68