

RF Transformer

Typical Performance Data

NCS2-2702+

FREQUENCY (MHz)	INSERTION LOSS* (dB)	RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (dB)
5000	7.69	1.22	2.49	1.43
5500	6.22	1.63	2.37	2.06
6000	4.91	2.21	2.23	2.38
6500	3.80	3.03	2.01	2.17
7000	2.91	4.03	1.74	2.17
7500	2.27	5.09	1.39	2.66
8000	1.81	6.14	1.08	3.81
8500	1.44	7.28	0.86	5.39
9000	1.15	8.67	0.77	7.05
9500	0.92	10.42	0.79	8.06
10000	0.76	12.58	0.83	7.98
10500	0.64	15.66	0.78	7.24
11000	0.55	20.86	0.57	6.22
11500	0.50	29.25	0.28	5.73
12000	0.51	29.98	0.05	6.06
12500	0.52	29.74	0.31	7.12
13000	0.53	27.64	0.43	8.52
13500	0.57	22.07	0.41	9.78
14000	0.61	18.65	0.29	10.18
14500	0.64	17.26	0.22	9.57
15000	0.65	17.19	0.22	8.47
15500	0.64	17.89	0.33	7.41
16000	0.63	19.18	0.53	6.76
16500	0.64	20.75	0.73	6.65
17000	0.65	21.60	0.89	7.08
17500	0.67	20.29	1.02	7.82
18000	0.70	18.32	1.04	8.78
18500	0.73	17.17	0.95	9.48
19000	0.75	16.90	0.85	9.50
19500	0.77	16.84	0.76	8.92
20000	0.77	17.51	0.75	8.26
20500	0.75	19.77	0.79	7.83
21000	0.78	22.18	0.80	7.96
21500	0.83	18.78	0.82	8.03
22000	0.88	15.95	0.74	7.96
22500	0.87	15.46	0.68	7.72
23000	0.88	17.60	0.65	7.37
23500	0.88	22.52	0.63	6.97
24000	0.88	26.64	0.58	6.77
24500	0.95	21.02	0.56	6.38
25000	1.09	14.97	0.55	5.99
25500	1.32	11.33	0.55	5.50
26000	1.49	9.82	0.63	5.17
26500	1.54	10.03	0.74	5.19
27000	1.52	11.32	0.79	5.79
28000	1.77	10.98	0.74	7.30
28500	2.29	8.26	0.50	7.40
29000	3.05	5.87	0.20	5.83
29500	3.94	4.45	0.02	2.87
30000	4.90	3.81	0.06	0.72

* Insertion Loss is Average Insertion loss above 3dB
 **Phase Unbalance is relative to 180°