

RF Transformer

NCS2-222-3+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg)
775	4.96	2.23	0.12	1.06
800	4.54	2.47	0.10	1.14
850	3.77	2.99	0.08	1.28
900	3.08	3.62	0.05	1.60
950	2.48	4.34	0.04	1.69
1000	1.95	5.20	0.01	1.90
1050	1.50	6.17	0.02	2.07
1100	1.13	7.31	0.01	2.37
1150	0.82	8.63	0.02	2.44
1200	0.57	10.16	0.00	2.61
1250	0.38	11.99	0.01	2.75
1275	0.30	13.01	0.01	2.87
1300	0.24	14.10	0.01	2.96
1325	0.18	15.36	0.00	3.03
1350	0.13	16.84	0.00	3.15
1375	0.09	18.47	0.02	3.23
1400	0.07	20.32	0.03	3.26
1425	0.04	22.70	0.02	3.26
1450	0.02	25.86	0.01	3.30
1475	0.01	30.13	0.02	3.34
1500	0.00	34.87	0.03	3.38
1525	0.00	33.49	0.02	3.40
1550	0.00	29.10	0.01	3.38
1575	0.00	25.84	0.01	3.36
1600	0.01	23.50	0.02	3.30
1625	0.02	21.74	0.02	3.25
1650	0.03	20.33	0.01	3.17
1675	0.04	19.15	0.00	3.08
1700	0.06	18.13	0.00	2.97
1725	0.07	17.28	0.00	2.88
1750	0.09	16.59	0.02	2.74
1775	0.11	15.99	0.03	2.63
1800	0.12	15.42	0.03	2.48
1825	0.14	14.92	0.03	2.32
1850	0.15	14.52	0.04	2.14
1875	0.17	14.17	0.05	1.90
1900	0.19	13.83	0.06	1.71
1950	0.22	13.23	0.08	1.16
2000	0.25	12.80	0.11	0.59
2050	0.28	12.42	0.13	0.12
2100	0.30	12.18	0.16	0.70
2150	0.32	11.96	0.18	1.25
2200	0.34	11.83	0.20	1.98
2250	0.35	11.76	0.24	2.61
2300	0.37	11.70	0.24	3.46
2400	0.39	11.70	0.29	4.84
2500	0.39	11.90	0.35	5.96
3000	0.41	13.82	0.73	8.99
3500	0.57	14.30	1.45	7.60
4000	1.24	12.41	1.86	11.11

* Insertion Loss is referenced to mid-band loss , 0.6 dB.Reference Demo Board TB-626+

**Phase Unbalance is relative to 180°

