

# RF Transformer

# NCS2-62+

## Typical Performance Data

FREQUENCY MHz	INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg.)
250	4.25	2.61	0.11	0.45
260	3.88	2.90	0.12	0.46
270	3.52	3.21	0.14	0.50
280	3.18	3.56	0.15	0.55
290	2.87	3.94	0.16	0.56
300	2.58	4.36	0.17	0.62
310	2.30	4.82	0.19	0.72
320	2.04	5.33	0.21	0.75
330	1.80	5.89	0.22	0.78
340	1.58	6.50	0.24	0.86
350	1.39	7.17	0.25	0.94
360	1.20	7.91	0.27	1.01
370	1.04	8.73	0.29	1.07
380	0.90	9.62	0.30	1.15
390	0.78	10.62	0.31	1.24
400	0.67	11.69	0.33	1.33
405	0.63	12.27	0.34	1.39
410	0.59	12.87	0.34	1.42
415	0.55	13.50	0.35	1.45
420	0.52	14.15	0.36	1.51
425	0.49	14.80	0.37	1.56
430	0.46	15.47	0.37	1.63
435	0.44	16.12	0.38	1.68
440	0.42	16.73	0.39	1.76
450	0.39	17.74	0.41	1.86
455	0.38	18.08	0.42	1.91
460	0.37	18.26	0.43	1.96
465	0.37	18.28	0.43	2.03
470	0.37	18.13	0.44	2.10
475	0.37	17.84	0.45	2.16
480	0.37	17.45	0.46	2.24
490	0.38	16.49	0.48	2.38
500	0.41	15.45	0.50	2.53
510	0.44	14.44	0.51	2.69
520	0.47	13.50	0.53	2.88
530	0.51	12.65	0.55	3.05
540	0.56	11.90	0.56	3.22
545	0.59	11.54	0.57	3.33
550	0.61	11.21	0.58	3.44
555	0.64	10.89	0.59	3.54
560	0.67	10.59	0.60	3.64
565	0.70	10.31	0.61	3.74
570	0.73	10.04	0.61	3.87
575	0.76	9.79	0.62	3.95
580	0.79	9.54	0.63	4.07
590	0.85	9.09	0.64	4.29
600	0.92	8.68	0.66	4.55
650	1.26	7.08	0.73	6.07
700	1.65	5.96	0.78	7.97
750	2.10	5.05	0.81	10.40
800	2.68	4.24	0.80	13.56

\* Reference Demo Board TB-755+

\*\*Phase Unbalance is relative to 180°

