

RF Transformer

NCS4-ED12817/34B25

Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg)
1700	4.86	2.29	1.18	1.16
1750	4.25	2.64	1.07	1.05
1800	3.66	3.06	0.97	0.89
1850	3.10	3.56	0.86	0.75
1900	2.57	4.16	0.75	0.61
1950	2.07	4.89	0.66	0.53
2000	1.63	5.75	0.57	0.32
2050	1.24	6.80	0.46	0.20
2100	0.90	8.05	0.39	0.15
2150	0.62	9.59	0.31	0.09
2200	0.39	11.47	0.22	0.23
2250	0.22	13.85	0.15	0.21
2300	0.10	16.96	0.09	0.41
2350	0.03	21.04	0.04	0.38
2400	0.00	25.02	0.03	0.59
2450	0.01	23.15	0.08	0.41
2500	0.04	19.33	0.12	0.39
2550	0.09	16.48	0.17	0.47
2600	0.16	14.50	0.21	0.27
2650	0.24	12.99	0.24	0.23
2675	0.28	12.36	0.26	0.21
2700	0.33	11.81	0.28	0.08
2725	0.37	11.33	0.29	0.00
2750	0.41	10.89	0.30	0.04
2775	0.46	10.49	0.32	0.08
2800	0.50	10.13	0.33	0.14
2825	0.54	9.81	0.34	0.26
2850	0.58	9.54	0.35	0.35
2875	0.62	9.29	0.35	0.40
2900	0.67	9.05	0.36	0.42
2950	0.73	8.63	0.38	0.66
3000	0.80	8.32	0.39	0.90
3100	0.91	7.81	0.45	1.08
3200	0.99	7.46	0.43	0.89
3300	1.04	7.31	0.32	0.80
3400	1.06	7.37	0.25	1.68
3500	1.05	7.50	0.25	2.38
3600	1.01	7.66	0.16	2.59
3700	0.96	7.99	0.00	3.03
3800	0.89	8.42	0.20	3.57
3900	0.82	9.00	0.43	4.23
4000	0.74	9.67	0.68	4.89
4200	0.62	11.37	1.32	6.28
4400	0.54	13.87	2.12	8.20
4500	0.53	15.66	2.53	9.40
5000	0.97	25.57	4.92	18.31
5250	1.46	15.96	6.15	25.17
5500	2.01	12.26	7.22	32.66
5750	2.54	10.08	7.96	39.42
6000	3.10	8.47	8.33	42.32
6250	4.00	6.88	8.85	35.84

* Insertion Loss is referenced to mid-band loss , 0.7 dB.

**Phase Unbalance is relative to 180°



INTERNET <http://www.minicircuits.com>
 Distribution Centers NORTH AMERICA 800-654-7949 • 417-335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010
 Mini-Circuits ISO 9001 & ISO 14001 Certified



REV. X1

NCS4-ED12817/34B25

070619

Page 1 of 1