

RF Transformer

SCTX1-83-2W+

Typical Performance Data

FREQUENCY MHz	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
3	1.21	17.60	0.24	4.93
5	1.15	18.44	0.11	3.21
7	1.13	18.81	0.07	2.32
10	1.13	19.06	0.04	1.62
20	1.14	19.20	0.04	0.74
30	1.15	19.22	0.04	0.48
40	1.15	19.23	0.04	0.38
50	1.15	19.25	0.05	0.32
60	1.16	19.27	0.04	0.28
70	1.16	19.28	0.04	0.27
80	1.16	19.30	0.04	0.25
90	1.16	19.30	0.04	0.24
100	1.16	19.26	0.04	0.23
200	1.17	19.33	0.03	0.21
300	1.17	19.18	0.01	0.17
400	1.18	18.92	0.00	0.13
500	1.18	18.54	0.00	0.07
600	1.19	18.03	-0.01	0.01
700	1.21	17.47	0.00	0.01
800	1.21	16.86	0.00	0.02
900	1.23	16.22	0.00	0.02
1000	1.25	15.62	0.00	0.02
1200	1.28	14.47	0.00	0.01
1400	1.31	13.53	-0.02	0.02
1600	1.33	12.92	-0.05	0.05
1800	1.35	12.70	-0.08	0.11
2000	1.35	12.91	-0.11	0.23
2200	1.34	13.65	-0.15	0.41
2400	1.32	14.96	-0.19	0.67
2600	1.31	17.01	-0.22	0.99
2800	1.32	20.19	-0.24	1.34
3000	1.35	25.29	-0.23	1.71
3200	1.39	39.67	-0.18	1.96
3400	1.46	28.73	-0.10	2.07
3600	1.55	21.25	0.00	1.99
3800	1.68	16.99	0.11	1.70
4000	1.83	14.09	0.22	1.21
4200	2.00	11.95	0.31	0.55
4400	2.17	10.33	0.38	0.25
4600	2.34	9.11	0.43	1.02
4800	2.50	8.21	0.44	1.79
5000	2.63	7.52	0.42	2.44
5200	2.75	7.01	0.36	2.96
5400	2.83	6.61	0.28	3.37
5600	2.87	6.36	0.16	3.63
5800	2.86	6.26	0.02	3.69
6000	2.79	6.34	-0.12	3.56
6200	2.66	6.62	-0.26	3.27
6400	2.50	7.17	-0.39	2.82
6600	2.32	8.00	-0.49	2.29
6800	2.14	9.20	-0.56	1.84
7000	1.97	10.86	-0.63	1.47
7100	1.89	12.03	-0.67	1.25
7200	1.83	13.50	-0.69	0.98
7300	1.80	15.39	-0.70	0.68
7400	1.78	18.07	-0.71	0.42
7500	1.79	21.52	-0.71	0.15
7600	1.82	25.41	-0.71	0.20
7700	1.88	24.24	-0.71	0.53
7800	1.96	20.21	-0.70	0.93
7900	2.07	16.98	-0.70	1.40
8000	2.20	14.72	-0.67	1.90
8100	2.37	13.02	-0.65	2.37
8200	2.54	11.70	-0.60	2.91
8300	2.74	10.66	-0.56	3.48
8400	2.96	9.86	-0.48	4.00
8500	3.20	9.18	-0.40	4.49



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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 SYTX1-52HP+
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