

# RF Transformer

# TCM1-ED12711/2

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
0.10	1.05	11.04	0.29	0.00
0.15	0.72	13.70	0.29	0.05
0.20	0.58	15.73	0.29	0.08
0.30	0.48	18.68	0.30	0.12
0.50	0.39	22.03	0.29	0.37
0.70	0.35	23.91	0.27	0.54
0.90	0.33	25.17	0.24	0.62
1.00	0.32	25.68	0.23	0.65
3.00	0.24	30.14	0.16	0.63
5.00	0.21	31.67	0.13	0.68
7.00	0.21	32.26	0.10	0.71
9.00	0.20	32.39	0.08	0.71
10.00	0.21	32.34	0.07	0.70
30.00	0.24	28.16	0.03	0.81
50.00	0.29	24.63	0.03	1.04
70.00	0.32	22.11	0.03	1.31
90.00	0.36	20.13	0.04	1.57
100.00	0.38	19.30	0.05	1.71
200.00	0.61	13.89	0.19	3.28
300.00	0.89	10.92	0.43	4.99
400.00	1.24	8.98	0.76	7.00
500.00	1.64	7.66	1.17	9.34
600.00	2.13	6.76	1.66	12.13