

# RF Transformer

# TCM2-43X+

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
10.0	1.88	15.46	0.08	0.74
30.0	1.78	15.47	0.04	0.31
50.0	1.76	15.41	0.03	0.42
70.0	1.76	15.32	0.03	0.67
90.0	1.76	15.25	0.03	0.94
100.0	1.76	15.22	0.03	1.07
200.0	1.75	15.12	0.06	2.17
300.0	1.72	15.07	0.12	3.15
400.0	1.67	14.99	0.18	3.88
500.0	1.61	14.98	0.24	4.40
600.0	1.56	15.10	0.28	4.80
700.0	1.50	15.24	0.31	5.16
800.0	1.44	15.41	0.33	5.46
900.0	1.39	15.63	0.34	5.73
1000.0	1.35	15.87	0.32	5.96
1100.0	1.30	16.19	0.30	6.13
1200.0	1.26	16.53	0.26	6.28
1300.0	1.23	16.87	0.22	6.44
1400.0	1.19	17.36	0.16	6.60
1500.0	1.17	17.86	0.09	6.73
1600.0	1.14	18.45	0.06	6.78
1700.0	1.12	19.03	0.08	6.80
1800.0	1.11	19.62	0.11	6.85
1900.0	1.10	20.40	0.17	6.89
2000.0	1.09	21.30	0.23	7.01
2100.0	1.09	22.29	0.28	7.08
2200.0	1.10	23.36	0.32	7.16
2300.0	1.10	24.06	0.35	7.33
2400.0	1.11	25.08	0.43	7.53
2500.0	1.11	24.93	0.52	7.71
2600.0	1.12	25.24	0.60	7.74
2700.0	1.14	25.59	0.67	7.71
2800.0	1.15	25.75	0.72	7.56
2900.0	1.16	25.36	0.78	7.32
3000.0	1.17	25.06	0.82	6.95
3100.0	1.19	24.89	0.84	6.44
3200.0	1.20	24.74	0.84	6.01
3300.0	1.21	24.43	0.80	5.61
3400.0	1.23	24.09	0.80	5.25
3500.0	1.26	23.10	0.79	5.04
3600.0	1.30	22.31	0.78	4.71
3700.0	1.34	20.50	0.77	4.38
3800.0	1.40	18.85	0.77	4.03
3900.0	1.47	17.47	0.79	3.76
4000.0	1.55	16.24	0.81	3.16