


# RF Transformer

# TCM2-33X+

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
30.0	1.27	27.41	0.04	0.10
50.0	1.26	27.54	0.03	0.16
70.0	1.27	27.28	0.03	0.23
90.0	1.27	27.01	0.04	0.32
200.0	1.29	25.23	0.08	0.68
300.0	1.29	23.71	0.13	0.83
400.0	1.30	22.39	0.18	0.89
500.0	1.29	21.59	0.21	0.86
600.0	1.30	20.98	0.22	0.83
700.0	1.30	20.48	0.24	0.78
800.0	1.32	20.01	0.23	0.76
900.0	1.33	19.70	0.20	0.82
1000.0	1.35	19.44	0.17	0.96
1200.0	1.40	19.03	0.14	1.53
1400.0	1.45	18.87	0.25	2.30
1600.0	1.52	18.86	0.41	2.96
1800.0	1.59	18.77	0.56	3.40
2000.0	1.67	18.55	0.68	3.79
2200.0	1.77	18.31	0.77	3.76
2400.0	1.86	18.08	0.91	3.84
2500.0	1.91	18.11	0.97	4.02
2600.0	1.95	18.13	1.02	4.24
2700.0	1.99	18.28	1.05	4.32
2800.0	2.02	18.61	1.07	4.52
2900.0	2.06	18.99	1.08	4.87
3000.0	2.10	19.46	1.10	5.38



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site  
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IF/RF MICROWAVE COMPONENTS

REV. OR  
TCM2-33X+  
5/24/2012  
Page 1 of 1