

RF Transformer Die

MTX2-183-D+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE ⁽¹⁾ (deg.)	CMRR (dB)
2000	3.96	3.85	0.57	4.12	26.02
2500	2.53	5.59	0.53	2.40	27.71
3000	1.88	7.00	0.50	1.28	28.64
3500	1.54	8.24	0.44	0.86	29.50
4000	1.31	9.47	0.38	0.64	30.17
4500	1.17	10.61	0.32	0.87	30.91
5000	1.09	11.04	0.25	1.06	32.00
5500	1.08	10.73	0.18	1.16	33.33
6000	1.11	10.38	0.12	1.28	35.28
6500	1.14	10.33	0.05	1.19	38.14
7000	1.16	10.60	0.04	1.16	41.56
7500	1.17	11.07	0.07	0.97	43.28
8000	1.17	11.52	0.11	0.95	43.25
8500	1.16	11.75	0.12	1.08	40.73
8800	1.16	11.64	0.12	1.27	39.61
9000	1.18	11.52	0.12	1.40	39.32
9200	1.21	11.36	0.11	1.55	38.93
9400	1.25	11.04	0.10	1.70	38.60
9600	1.30	10.64	0.10	1.85	39.06
9800	1.37	10.19	0.08	1.99	38.28
10000	1.44	9.73	0.09	2.12	38.17
10200	1.52	9.31	0.10	2.22	37.24
10400	1.60	8.96	0.12	2.27	37.13
10600	1.67	8.69	0.15	2.29	36.82
10800	1.73	8.49	0.17	2.28	36.81
11000	1.77	8.39	0.20	2.26	36.96
11500	1.82	8.58	0.23	2.12	36.85
12000	1.79	9.38	0.23	1.74	36.99
12500	1.73	10.68	0.21	1.38	37.38
13000	1.70	11.82	0.24	1.13	35.70
13500	1.71	12.56	0.30	1.04	33.00
14000	1.78	12.05	0.36	1.02	30.23
14500	1.90	10.69	0.43	1.44	28.09
15000	2.10	9.36	0.53	2.33	26.42
15500	2.35	8.42	0.67	3.28	25.34
16000	2.57	8.11	0.83	3.87	24.62
16500	2.70	8.62	1.01	3.84	24.10
17000	2.79	10.56	1.21	3.26	23.42
17500	2.94	12.95	1.46	2.58	22.23
18000	3.28	11.77	1.81	2.13	20.26

⁽¹⁾ Relative to 180°

