

RF Transformer Die

MTX2-133-D+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE ⁽¹⁾ (deg.)	CMRR (dB)
1500	3.94	6.02	0.74	6.06	23.01
2000	2.25	11.19	0.71	3.30	26.68
2500	1.87	12.72	0.60	1.60	30.33
3000	1.85	11.53	0.48	0.74	31.95
3500	1.89	10.65	0.40	0.57	33.72
4000	1.85	10.51	0.34	0.60	33.78
4500	1.73	11.02	0.30	0.66	33.86
5000	1.64	12.13	0.27	0.66	35.56
5500	1.65	12.97	0.25	0.61	34.90
5800	1.70	13.14	0.24	0.60	36.64
6000	1.75	13.14	0.23	0.60	37.45
6200	1.79	13.17	0.22	0.59	38.28
6400	1.83	13.21	0.21	0.61	41.05
6600	1.85	13.37	0.20	0.63	42.78
6800	1.88	13.56	0.19	0.65	39.17
7000	1.89	13.91	0.19	0.65	38.23
7100	1.90	14.10	0.19	0.63	37.39
7200	1.90	14.32	0.18	0.64	37.04
7250	1.90	14.44	0.18	0.65	35.74
7300	1.90	14.57	0.18	0.66	34.56
7400	1.91	14.79	0.18	0.67	32.64
7600	1.92	15.35	0.17	0.71	36.41
7800	1.93	15.91	0.16	0.81	37.18
8000	1.94	16.55	0.16	0.94	36.61
8200	1.95	17.11	0.16	1.07	38.00
8400	1.97	17.72	0.16	1.18	38.80
8600	2.00	18.14	0.15	1.31	38.92
8800	2.03	18.53	0.15	1.39	39.13
9000	2.06	18.78	0.14	1.48	36.69
9200	2.11	18.85	0.13	1.53	36.29
9400	2.16	18.88	0.14	1.59	36.30
9600	2.21	18.75	0.16	1.62	35.36
9800	2.26	18.70	0.17	1.61	35.74
10000	2.32	18.58	0.19	1.56	34.68
10500	2.45	18.52	0.23	1.38	35.66
11000	2.62	18.22	0.28	1.17	32.69
11500	2.81	17.64	0.34	1.10	32.74
12000	3.07	16.82	0.43	1.11	34.62
12500	3.39	16.38	0.59	1.21	30.99
13000	3.90	16.34	0.91	1.50	25.71

⁽¹⁾ Relative to 180°

