

RF Transformer ZY2PDJ-ED13833/1

Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg.)
0.3	2.75	8.26	0.12	2.95
0.6	2.24	11.72	0.06	1.50
0.9	2.00	12.79	0.06	1.16
1.0	1.94	12.97	0.06	1.04
3.0	1.31	12.79	0.00	0.30
5.0	1.30	12.67	0.02	0.44
9.0	1.23	12.49	0.01	0.27
10.0	1.23	12.48	0.01	0.22
20.0	1.23	12.44	0.01	0.06
30.0	1.24	12.47	0.00	0.08
40.0	1.26	12.50	0.01	0.05
50.0	1.27	12.50	0.01	0.05
60.0	1.28	12.51	0.00	0.20
70.0	1.28	12.54	0.00	0.05
80.0	1.29	12.56	0.00	0.13
90.0	1.28	12.59	0.01	0.12
100.0	1.28	12.62	0.01	0.19
200.0	1.28	13.05	0.02	0.26
300.0	1.22	13.91	0.05	0.22
400.0	1.15	15.32	0.06	0.03
500.0	1.09	17.53	0.04	0.24
600.0	1.05	20.43	0.03	0.54
650.0	1.05	21.70	0.03	0.65
700.0	1.05	22.20	0.01	0.75
750.0	1.07	21.40	0.03	0.99
800.0	1.11	20.00	0.00	0.98
900.0	1.20	17.00	0.01	1.35
1000.0	1.32	14.57	0.03	1.51
1100.0	1.46	12.81	0.01	1.70
1150.0	1.53	12.11	0.05	1.80
1200.0	1.59	11.61	0.04	1.85
1300.0	1.71	10.94	0.04	2.07
1400.0	1.79	10.66	0.04	2.38
1500.0	1.83	10.77	0.04	2.65
1600.0	1.86	11.33	0.02	2.75
1650.0	1.90	11.63	0.04	2.88
1700.0	1.89	12.24	0.07	2.98
1750.0	1.87	12.94	0.11	3.11
1800.0	1.90	13.94	0.12	3.21
1850.0	1.91	15.00	0.20	3.18
1900.0	1.94	16.37	0.22	3.22
1950.0	1.99	18.16	0.25	3.07
2000.0	2.06	19.22	0.30	3.10
2050.0	2.15	19.43	0.36	2.85
2100.0	2.27	18.74	0.38	2.73
2150.0	2.39	17.23	0.39	2.38
2200.0	2.55	15.32	0.41	2.19
2250.0	2.70	13.94	0.42	2.01
2300.0	2.88	12.74	0.44	1.73
2350.0	3.06	11.65	0.45	1.50
2400.0	3.25	10.70	0.45	1.40

*Insertion loss is referenced to mid-band loss, 1.0 dB.

**Relative to 180°