

Directional Coupler

DBTC-ED12343/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	2.30	12.84	16.28	9.68	9.82	7.83
0.5	1.82	12.59	18.80	11.96	12.46	9.94
0.7	1.59	12.46	20.51	13.41	14.22	11.31
0.9	1.45	12.36	21.76	14.46	15.57	12.32
1.0	1.40	12.32	22.28	14.90	16.14	12.74
2.0	1.13	12.12	26.10	17.63	20.14	15.41
3.0	1.02	12.05	28.67	19.04	22.69	16.80
4.0	0.97	12.02	30.60	19.89	24.62	17.65
5.0	0.94	12.00	32.30	20.42	26.14	18.16
10.0	0.89	11.98	37.43	21.39	30.52	19.14
20.0	0.89	11.98	42.31	21.64	32.99	19.40
50.0	0.90	12.01	45.88	21.67	32.62	19.34
100.0	0.90	12.02	48.00	21.98	30.75	18.88
180.0	0.91	12.05	47.26	21.09	27.94	17.60
260.0	0.93	12.08	37.56	20.46	24.90	16.22
340.0	0.95	12.12	32.55	19.14	22.69	15.02
420.0	0.99	12.16	28.29	17.87	20.97	13.92
500.0	1.08	12.23	24.36	17.10	19.53	12.87
550.0	1.15	12.31	22.62	17.02	18.79	12.30
600.0	1.21	12.34	21.65	17.26	18.09	11.75
650.0	1.25	12.43	20.81	16.65	17.42	11.28
700.0	1.32	12.50	20.71	16.23	16.75	10.80
785.0	1.38	12.60	20.98	15.55	15.92	10.09
870.0	1.39	12.66	22.52	15.01	15.18	9.40
935.0	1.33	12.63	24.59	15.00	14.81	8.87
1000.0	1.33	12.65	24.04	14.97	14.52	8.37
1100.0	1.23	12.70	22.40	14.77	14.13	7.56
1200.0	1.20	12.82	18.22	15.48	14.16	6.76
1300.0	1.19	13.06	15.19	14.94	14.17	6.09
1400.0	1.24	13.32	13.03	14.31	13.76	5.60
1500.0	1.33	13.41	11.76	13.54	13.23	5.41
1600.0	1.64	13.72	11.36	14.23	12.44	5.52
1700.0	2.13	14.25	12.19	15.38	11.40	5.82
1800.0	2.67	14.71	13.68	14.23	10.39	6.22
1900.0	3.18	15.12	14.41	13.55	9.37	6.60
2000.0	3.72	15.66	13.18	13.25	8.72	6.87
2050.0	4.19	15.87	12.17	13.23	8.46	6.96
2100.0	4.30	16.19	11.21	12.73	8.22	6.97
2150.0	4.75	16.17	10.51	13.27	8.02	6.95
2200.0	4.92	16.51	9.68	11.87	7.76	6.84
2250.0	5.32	16.64	9.25	11.40	7.69	6.72