

Directional Coupler

DBTC-ED10793/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.1	1.04	21.70	12.64	14.31	14.56	12.92
0.3	0.91	21.44	14.14	16.07	16.48	14.67
0.5	0.83	21.27	15.11	17.29	17.82	15.90
0.7	0.76	21.16	15.78	18.24	18.86	16.85
1.0	0.67	20.96	16.85	19.88	20.67	18.49
3.0	0.48	20.54	19.52	24.51	26.03	22.97
5.0	0.44	20.47	20.35	26.04	28.02	24.39
7.0	0.42	20.43	20.24	26.70	29.09	24.99
9.0	0.42	20.42	20.36	27.06	29.64	25.28
10.0	0.41	20.42	20.40	27.22	29.84	25.36
20.0	0.41	20.42	20.48	27.71	30.53	25.55
30.0	0.42	20.43	20.44	27.92	30.59	25.34
40.0	0.43	20.44	20.45	28.08	30.59	25.02
50.0	0.44	20.45	20.52	28.21	30.60	24.67
75.0	0.45	20.47	20.60	28.30	30.35	23.60
100.0	0.47	20.50	20.63	28.17	29.93	22.40
200.0	0.54	20.56	20.76	25.87	26.68	18.19
300.0	0.58	20.60	19.80	21.89	23.11	15.29
400.0	0.58	20.59	18.35	19.56	20.50	12.85
500.0	0.57	20.58	17.02	17.92	19.07	11.18
550.0	0.57	20.59	16.26	17.05	18.46	10.53
600.0	0.58	20.60	15.57	16.58	17.96	10.00
650.0	0.57	20.61	14.98	16.36	17.55	9.44
700.0	0.59	20.63	14.26	16.07	17.29	9.04
750.0	0.59	20.68	13.58	15.94	17.03	8.70
800.0	0.60	20.71	13.07	16.08	16.82	8.29
850.0	0.63	20.80	12.56	16.20	16.73	8.04
860.0	0.63	20.81	12.45	16.22	16.70	8.01
870.0	0.63	20.82	12.32	16.23	16.66	7.98
880.0	0.64	20.84	12.18	16.23	16.61	7.94
900.0	0.64	20.87	11.96	16.29	16.49	7.86
1000.0	0.70	21.07	11.00	16.92	16.30	7.47
1100.0	0.78	21.32	10.03	17.44	15.81	7.13