

Directional Coupler

DBTC-ED12884/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
1.0	1.98	10.17	23.61	12.51	13.66	16.62
2.0	1.62	10.05	23.36	15.24	18.02	20.98
3.0	1.50	10.02	22.92	16.50	20.67	23.36
4.0	1.44	10.00	22.73	17.23	22.58	24.92
5.0	1.39	9.98	22.65	17.72	24.12	25.96
6.0	1.36	9.97	22.57	18.04	25.40	26.68
7.0	1.34	9.96	22.54	18.27	26.47	27.19
8.0	1.33	9.96	22.55	18.44	27.48	27.58
9.0	1.32	9.96	22.52	18.57	28.35	27.87
10.0	1.31	9.96	22.50	18.66	28.97	28.11
30.0	1.30	9.98	22.43	19.09	35.26	29.32
50.0	1.30	9.99	22.49	19.21	35.99	29.42
70.0	1.30	10.01	22.40	19.25	35.35	29.26
90.0	1.31	10.02	22.29	19.27	34.64	29.00
100.0	1.31	10.02	22.25	19.27	34.22	28.89
150.0	1.33	10.05	22.06	19.18	32.38	28.65
200.0	1.34	10.07	21.73	19.04	30.64	27.87
250.0	1.35	10.09	21.47	18.74	29.47	27.40
300.0	1.35	10.11	21.18	18.61	28.51	26.63
350.0	1.36	10.13	20.75	18.43	27.66	26.04
400.0	1.37	10.15	20.39	18.22	26.86	25.03
450.0	1.37	10.17	20.01	18.01	26.37	24.22
500.0	1.38	10.19	19.67	17.76	25.67	23.15
550.0	1.40	10.22	19.50	17.67	25.36	22.30
600.0	1.40	10.25	19.22	17.56	24.97	21.33
650.0	1.41	10.30	18.85	17.44	24.61	20.46
700.0	1.42	10.36	18.43	17.38	24.33	19.53
750.0	1.43	10.41	17.97	17.31	23.95	18.68
800.0	1.44	10.48	17.51	17.17	23.59	17.92
850.0	1.45	10.55	17.08	17.21	23.42	17.06
900.0	1.46	10.63	16.49	17.08	23.03	16.39
950.0	1.48	10.72	16.00	17.01	22.70	15.62
1000.0	1.49	10.82	15.45	16.89	22.42	15.06