

Directional Coupler

DBTC-ED10488/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.5	3.66	7.45	12.06	8.65	8.88	9.03
0.7	3.39	7.34	12.69	9.62	9.90	10.69
0.9	3.22	7.26	13.08	10.25	10.56	11.83
1.0	3.13	7.22	13.24	10.52	10.85	12.32
3.0	2.49	6.87	14.73	13.05	13.48	18.17
5.0	2.32	6.80	15.26	13.93	14.39	21.63
7.0	2.24	6.75	15.45	14.32	14.80	24.21
9.0	2.21	6.74	15.58	14.53	15.03	26.24
10.0	2.20	6.73	15.68	14.60	15.09	27.33
20.0	2.17	6.74	15.78	14.89	15.39	34.98
40.0	2.16	6.74	15.74	15.00	15.42	40.53
60.0	2.18	6.75	15.64	15.02	15.43	35.86
80.0	2.20	6.78	15.58	15.04	15.39	33.17
100.0	2.21	6.78	15.66	15.07	15.51	31.20
150.0	2.20	6.81	15.53	15.16	15.34	27.25
200.0	2.22	6.82	15.43	15.30	15.15	24.62
250.0	2.22	6.85	15.42	15.52	14.92	22.82
300.0	2.22	6.83	15.41	15.67	14.70	21.35
350.0	2.21	6.83	15.55	15.71	14.46	20.14
400.0	2.23	6.84	15.49	15.82	14.29	19.11
450.0	2.23	6.87	15.57	15.87	14.05	18.49
500.0	2.24	6.88	15.62	15.81	13.79	17.67
550.0	2.26	6.90	15.68	15.72	13.56	17.13
600.0	2.25	6.89	15.94	15.78	13.41	16.86
650.0	2.26	6.92	16.02	16.05	13.15	16.50
700.0	2.28	6.94	16.15	16.14	13.08	16.13
750.0	2.26	6.96	15.90	16.36	12.97	15.87
800.0	2.28	6.95	15.65	16.78	12.85	15.80
850.0	2.25	6.93	15.21	17.07	12.73	15.81
860.0	2.26	6.95	15.15	17.16	12.69	15.69
900.0	2.29	6.95	14.62	17.31	12.64	15.87
950.0	2.29	6.99	13.85	17.89	12.57	15.85
1000.0	2.33	7.06	13.04	18.70	12.38	15.93
1050.0	2.33	7.09	12.13	19.40	12.26	15.99
1100.0	2.35	7.16	11.29	19.99	12.13	16.25
1150.0	2.35	7.27	10.42	20.75	11.95	16.31
1200.0	2.37	7.32	9.67	21.62	11.73	16.72
1250.0	2.35	7.48	8.93	22.07	11.53	16.76
1300.0	2.39	7.56	8.19	22.86	11.25	17.02
1350.0	2.38	7.63	7.67	23.86	11.01	17.01
1400.0	2.44	7.74	7.13	23.86	10.64	17.30