

Directional Coupler

DBTC-ED12526/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	3.98	10.67	16.67	5.75	9.24	5.75
1.0	2.73	8.14	23.26	9.45	16.00	11.70
10.0	2.13	6.99	32.46	12.94	22.13	24.79
50.0	2.12	6.95	33.70	13.10	22.12	26.62
100.0	2.13	6.97	33.84	13.25	21.90	26.29
150.0	2.15	7.00	33.87	13.32	21.57	25.90
160.0	2.16	7.00	33.79	13.33	21.49	25.79
170.0	2.16	7.01	33.79	13.34	21.39	25.69
180.0	2.16	7.01	33.77	13.36	21.29	25.59
190.0	2.16	7.02	33.72	13.38	21.22	25.51
200.0	2.16	7.02	33.64	13.41	21.13	25.42
210.0	2.16	7.02	33.52	13.44	21.05	25.34
220.0	2.17	7.02	33.46	13.46	20.96	25.26
230.0	2.17	7.02	33.24	13.47	20.89	25.18
240.0	2.17	7.02	33.08	13.48	20.80	25.10
250.0	2.17	7.02	32.91	13.50	20.70	24.99
260.0	2.17	7.03	32.76	13.53	20.60	24.87
280.0	2.17	7.03	32.46	13.59	20.36	24.65
300.0	2.17	7.03	32.14	13.66	20.14	24.43
320.0	2.17	7.03	31.84	13.71	19.96	24.29
340.0	2.17	7.03	31.37	13.78	19.81	24.22
360.0	2.17	7.03	30.88	13.85	19.63	24.13
380.0	2.17	7.03	30.36	13.92	19.45	24.01
400.0	2.17	7.02	29.90	13.99	19.24	23.88
420.0	2.17	7.02	29.34	14.06	19.07	23.79
440.0	2.17	7.02	28.72	14.12	18.92	23.76
460.0	2.17	7.02	28.19	14.20	18.75	23.74
480.0	2.17	7.01	27.67	14.28	18.60	23.76
500.0	2.17	7.01	27.16	14.36	18.45	23.77
520.0	2.17	7.01	26.63	14.45	18.29	23.78
540.0	2.17	7.01	26.09	14.53	18.15	23.83
560.0	2.17	7.01	25.65	14.61	17.99	23.92
580.0	2.17	7.00	25.16	14.67	17.88	24.07
590.0	2.18	7.00	24.92	14.69	17.81	24.15
600.0	2.18	7.00	24.68	14.73	17.74	24.22
610.0	2.18	7.00	24.46	14.77	17.67	24.28
620.0	2.18	7.00	24.23	14.81	17.61	24.35
650.0	2.18	7.00	23.58	14.97	17.40	24.58
700.0	2.19	6.99	22.54	15.24	17.09	25.06
750.0	2.19	6.98	21.66	15.47	16.75	25.60
800.0	2.20	6.97	20.83	15.78	16.44	26.32