

Directional Coupler

DBTC16-282LX+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
3	0.84	16.76	15.87	19.95	21.39	15.56
5	0.75	16.56	16.18	22.13	24.33	17.45
7	0.71	16.48	16.38	23.29	26.14	18.37
9	0.69	16.43	16.55	23.98	27.40	18.87
20	0.67	16.38	16.83	25.25	29.92	19.65
40	0.68	16.38	16.96	25.73	30.78	19.85
60	0.68	16.39	17.05	25.92	31.10	19.96
80	0.69	16.40	17.14	26.13	31.28	20.03
100	0.69	16.40	17.23	26.07	31.31	20.09
150	0.71	16.43	17.42	26.80	31.29	20.22
250	0.73	16.46	17.81	26.60	30.12	20.31
350	0.75	16.49	18.62	26.77	29.40	20.44
450	0.76	16.51	19.72	26.64	28.28	20.43
550	0.78	16.53	21.31	26.51	27.91	20.22
650	0.80	16.56	23.46	26.41	27.50	19.86
750	0.82	16.60	26.43	26.37	27.36	19.33
850	0.84	16.64	31.18	26.63	27.53	18.83
950	0.86	16.69	40.79	26.79	27.62	18.18
1000	0.88	16.71	40.10	27.01	27.73	17.77
1100	0.90	16.74	30.79	27.20	27.79	17.06
1200	0.93	16.78	26.16	27.18	27.65	16.25
1300	0.97	16.82	23.13	27.44	28.12	15.40
1400	1.00	16.84	20.96	28.09	28.29	14.70
1500	1.03	16.85	19.30	28.14	27.82	13.91
1600	1.07	16.86	17.84	28.32	26.85	13.15
1700	1.11	16.86	16.63	27.58	25.94	12.54
1800	1.15	16.85	15.58	27.71	25.52	12.00
1900	1.19	16.84	14.62	27.45	24.95	11.52
2000	1.24	16.83	13.77	27.46	24.45	10.95
2100	1.29	16.81	13.00	27.42	24.06	10.40
2200	1.35	16.79	12.27	27.52	23.86	10.03
2300	1.41	16.77	11.59	27.95	23.45	9.69
2400	1.47	16.74	10.87	28.30	23.03	9.32
2500	1.53	16.71	10.18	29.02	22.34	8.95
2600	1.60	16.68	9.54	29.90	21.99	8.60
2700	1.68	16.63	8.92	30.72	21.92	8.31
2800	1.77	16.58	8.33	31.57	21.95	7.98
2850	1.82	16.58	8.06	32.68	21.73	7.72
2950	1.92	16.52	7.53	33.22	21.02	7.48
3050	2.03	16.51	7.00	31.05	20.96	7.17
3150	2.14	16.50	6.49	28.69	20.36	6.81
3250	2.26	16.54	5.99	25.99	20.33	6.46

