

Directional Coupler

DBTC-17-5+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
50.0	0.64	16.41	15.92	23.43	27.62	18.46
55.0	0.64	16.41	15.94	23.49	27.68	18.49
60.0	0.64	16.41	15.96	23.56	27.71	18.52
65.0	0.65	16.41	15.99	23.61	27.75	18.54
70.0	0.65	16.41	16.02	23.61	27.77	18.56
80.0	0.65	16.41	16.07	23.62	27.82	18.59
90.0	0.65	16.42	16.13	23.58	27.81	18.61
100.0	0.66	16.42	16.17	23.56	27.75	18.62
200.0	0.69	16.49	16.50	23.18	26.76	18.66
300.0	0.72	16.57	17.00	22.83	25.30	18.64
400.0	0.74	16.66	17.60	22.50	23.97	18.77
450.0	0.75	16.70	18.10	22.33	23.56	18.78
500.0	0.76	16.74	18.53	22.36	23.13	18.78
550.0	0.78	16.78	19.08	22.05	22.64	18.81
600.0	0.79	16.83	19.78	21.96	22.46	18.73
700.0	0.82	16.94	20.99	21.60	22.01	18.51
800.0	0.85	17.06	22.42	21.45	21.80	18.22
900.0	0.88	17.18	23.75	21.40	21.65	17.76
950.0	0.89	17.24	22.98	21.43	21.72	17.44
1000.0	0.91	17.30	22.32	21.67	21.94	17.08
1050.0	0.92	17.36	21.47	21.51	21.73	16.77
1100.0	0.94	17.41	20.58	21.65	21.85	16.42
1200.0	0.96	17.53	19.09	22.21	22.34	15.63
1300.0	0.99	17.63	17.74	22.81	22.71	14.85
1400.0	1.02	17.72	16.46	23.59	23.24	14.13
1425.0	1.03	17.74	16.17	23.83	23.33	13.93
1450.0	1.03	17.76	15.90	24.14	23.55	13.74
1475.0	1.04	17.78	15.64	24.55	23.87	13.56
1500.0	1.05	17.81	15.41	24.84	24.12	13.40
1525.0	1.06	17.83	15.16	25.00	24.17	13.24
1550.0	1.06	17.84	14.88	25.16	24.14	13.07
1575.0	1.07	17.86	14.64	25.46	24.25	12.89
1600.0	1.08	17.88	14.43	25.91	24.48	12.71
1700.0	1.11	17.95	13.55	27.15	25.32	12.12
1800.0	1.14	18.01	12.88	27.83	25.45	11.48
1900.0	1.18	18.07	12.20	28.04	25.71	10.95
1925.0	1.18	18.07	12.03	27.83	25.47	10.83
1950.0	1.19	18.08	11.84	27.98	25.52	10.71
1975.0	1.20	18.09	11.68	28.14	25.76	10.60
2000.0	1.21	18.11	11.55	28.07	25.97	10.50

REV. X1
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