

Directional Coupler

DBTC-16-5-75X+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
5.0	1.32	16.54	22.53	16.26	17.94	12.74
10.0	1.18	16.25	22.81	18.13	20.48	14.84
20.0	1.13	16.14	23.00	18.94	21.68	15.90
30.0	1.13	16.12	23.04	19.10	21.90	16.15
40.0	1.13	16.11	23.12	19.16	22.03	16.25
50.0	1.13	16.11	23.19	19.20	22.11	16.31
60.0	1.13	16.10	23.20	19.25	22.15	16.35
70.0	1.13	16.10	23.23	19.30	22.19	16.37
80.0	1.13	16.11	23.25	19.35	22.24	16.40
85.0	1.13	16.10	23.29	19.37	22.28	16.41
90.0	1.13	16.10	23.31	19.39	22.31	16.42
95.0	1.13	16.10	23.33	19.40	22.34	16.42
100.0	1.12	16.10	23.35	19.41	22.38	16.43
150.0	1.12	16.11	23.84	19.55	22.85	16.41
200.0	1.12	16.13	23.69	19.66	22.75	16.24
250.0	1.11	16.14	24.02	19.90	23.04	16.08
300.0	1.11	16.15	24.32	20.13	23.31	15.90
350.0	1.10	16.16	24.64	20.30	23.63	15.65
400.0	1.09	16.16	24.94	20.55	23.98	15.40
450.0	1.09	16.17	25.14	20.71	24.28	15.13
500.0	1.08	16.18	25.13	21.01	24.62	14.81
550.0	1.08	16.19	25.00	21.24	24.80	14.43
600.0	1.07	16.21	24.81	21.43	25.12	14.09
650.0	1.07	16.24	24.40	21.78	25.19	13.74
700.0	1.07	16.27	23.81	21.95	25.41	13.38
750.0	1.07	16.30	23.24	22.26	25.37	12.98
800.0	1.07	16.35	22.66	22.43	25.28	12.66
850.0	1.08	16.39	22.01	22.73	25.15	12.31
900.0	1.08	16.44	21.41	22.86	24.85	11.95
950.0	1.08	16.50	20.85	23.08	24.63	11.63
1000.0	1.09	16.56	20.29	23.20	24.19	11.31
1050.0	1.09	16.62	19.80	23.24	23.86	11.00
1100.0	1.10	16.69	19.30	23.29	23.39	10.68
1150.0	1.11	16.77	18.86	23.23	22.96	10.40
1200.0	1.12	16.85	18.44	23.19	22.54	10.11
1250.0	1.13	16.92	18.06	23.08	22.11	9.85
1300.0	1.14	17.01	17.68	23.02	21.79	9.58
1350.0	1.15	17.09	17.34	22.85	21.35	9.37
1400.0	1.16	17.17	17.03	22.67	21.05	9.11
1450.0	1.18	17.26	16.69	22.55	20.66	8.89
1500.0	1.19	17.35	16.40	22.34	20.43	8.71

