

Directional Coupler

DBTC-18-4-75X+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
5.0	0.99	18.18	30.09	18.23	19.32	18.37
6.0	0.94	18.14	30.03	18.88	20.13	19.04
7.0	0.91	18.11	29.99	19.39	20.76	19.55
8.0	0.89	18.09	29.98	19.77	21.26	19.95
9.0	0.88	18.08	29.93	20.09	21.68	20.26
10.0	0.87	18.07	30.00	20.34	22.03	20.52
20.0	0.83	18.04	29.76	21.46	23.62	21.57
30.0	0.82	18.04	29.52	21.83	24.21	21.83
40.0	0.82	18.04	29.26	22.04	24.59	21.88
50.0	0.82	18.05	29.01	22.19	24.91	21.84
60.0	0.82	18.05	28.68	22.30	25.14	21.74
70.0	0.82	18.05	28.37	22.37	25.31	21.58
80.0	0.83	18.06	28.06	22.40	25.42	21.35
90.0	0.83	18.06	27.72	22.38	25.43	21.09
100.0	0.83	18.07	27.40	22.33	25.30	20.78
150.0	0.84	18.09	25.88	21.96	24.37	19.04
200.0	0.86	18.10	24.47	21.91	24.17	17.71
250.0	0.88	18.07	22.79	21.53	23.92	16.34
300.0	0.89	18.06	23.21	20.86	22.79	14.92
350.0	0.89	18.07	21.96	20.58	21.57	13.84
400.0	0.90	18.06	20.59	20.30	20.80	12.87
425.0	0.92	18.03	20.03	20.03	20.70	12.39
450.0	0.92	18.02	19.78	19.84	20.84	11.98
475.0	0.93	18.01	19.21	19.75	21.08	11.64
500.0	0.94	17.97	18.62	19.78	21.21	11.37
525.0	0.95	17.94	18.30	19.86	21.13	11.12
550.0	0.95	17.92	18.35	19.96	20.95	10.85
575.0	0.94	17.99	18.62	20.03	20.94	10.56
600.0	0.93	18.03	18.39	20.03	21.14	10.28
650.0	0.94	18.10	17.90	20.08	22.15	9.84
700.0	0.96	18.14	17.10	20.12	21.46	9.39
750.0	0.96	18.16	16.20	20.43	20.06	8.99
800.0	0.97	18.15	15.75	20.96	20.20	8.73
850.0	0.98	18.21	15.62	21.34	21.53	8.46
900.0	0.99	18.26	15.18	21.97	21.95	8.21
925.0	0.99	18.29	14.79	22.39	21.62	8.08
950.0	0.99	18.32	14.38	22.84	21.41	7.95
975.0	1.00	18.36	13.92	23.35	21.69	7.81
990.0	1.00	18.38	13.64	23.77	22.22	7.74
1000.0	1.00	18.39	13.49	24.07	22.73	7.69