

Directional Coupler

DBTC-20-4-75+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN (dB)	OUT (dB)	CPL
5.0	0.44	20.42	20.24	26.11	28.25	23.98
6.0	0.44	20.40	20.33	26.58	28.87	24.43
7.0	0.43	20.39	20.42	26.91	29.38	24.75
8.0	0.43	20.39	20.46	27.15	29.76	24.97
9.0	0.43	20.38	20.51	27.33	30.04	25.13
10.0	0.43	20.38	20.56	27.46	30.29	25.25
20.0	0.43	20.38	20.59	27.88	31.06	25.45
30.0	0.44	20.39	20.53	27.87	31.02	25.13
40.0	0.45	20.40	20.54	27.76	30.84	24.70
50.0	0.46	20.42	20.53	27.64	30.64	24.22
60.0	0.47	20.43	20.55	27.42	30.32	23.71
70.0	0.48	20.44	20.55	27.21	29.96	23.19
80.0	0.48	20.45	20.55	26.95	29.59	22.66
90.0	0.49	20.46	20.57	26.68	29.13	22.11
100.0	0.50	20.46	20.53	26.35	28.66	21.57
200.0	0.59	20.52	20.46	22.18	23.83	17.06
300.0	0.68	20.49	20.72	19.56	20.35	14.02
400.0	0.73	20.50	19.56	17.67	18.14	12.05
500.0	0.80	20.41	18.87	15.49	16.59	10.50
550.0	0.82	20.37	16.66	15.04	15.77	9.94
600.0	0.84	20.43	15.53	14.67	15.25	9.44
625.0	0.84	20.43	15.34	14.79	15.32	9.23
650.0	0.83	20.46	15.00	14.91	15.32	9.04
675.0	0.82	20.48	14.67	14.89	15.16	8.86
700.0	0.83	20.50	14.16	14.72	14.97	8.63
750.0	0.85	20.50	13.95	14.28	14.72	8.14
800.0	0.86	20.52	13.50	14.24	14.46	7.88
825.0	0.86	20.54	13.11	14.31	14.28	7.74
850.0	0.87	20.56	12.88	14.32	14.18	7.57
860.0	0.88	20.56	12.83	14.31	14.16	7.51
870.0	0.88	20.56	12.75	14.29	14.15	7.45
880.0	0.88	20.57	12.65	14.28	14.12	7.39
890.0	0.88	20.59	12.55	14.28	14.07	7.34
900.0	0.88	20.61	12.45	14.28	13.99	7.29
1000.0	0.92	20.81	11.42	13.78	13.57	6.83
1050.0	0.93	20.92	10.89	14.07	13.44	6.61
1100.0	0.96	21.04	10.64	14.20	13.38	6.37
1150.0	1.02	21.22	10.21	13.82	13.18	6.33
1200.0	1.05	21.41	9.67	13.80	12.74	6.09
1250.0	1.11	21.63	9.29	13.44	12.33	6.01

REV. X1
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