

Directional Coupler

TCD-ED13061/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
10.0	0.67	21.88	13.45	18.46	19.08	18.66
20.0	0.64	21.84	15.49	21.17	22.12	21.27
30.0	0.61	21.73	16.64	22.46	23.64	22.49
40.0	0.58	21.64	17.52	23.40	24.77	23.38
50.0	0.56	21.59	18.38	24.17	25.76	24.05
60.0	0.54	21.54	18.79	24.77	26.63	24.58
70.0	0.53	21.48	19.52	25.24	27.40	25.01
80.0	0.53	21.46	19.93	25.64	28.07	25.34
90.0	0.52	21.43	20.42	25.97	28.65	25.65
100.0	0.52	21.40	20.79	26.18	29.06	25.90
150.0	0.51	21.32	22.55	26.56	29.03	26.72
200.0	0.51	21.26	23.71	26.81	28.91	27.00
250.0	0.52	21.12	25.82	26.55	28.00	27.29
300.0	0.52	21.04	27.40	25.81	26.94	27.36
350.0	0.52	20.97	26.66	25.32	25.96	27.34
400.0	0.52	20.86	27.87	24.72	24.81	26.78
450.0	0.53	20.75	28.12	24.48	23.76	26.35
500.0	0.55	20.52	34.93	23.79	23.55	25.86
550.0	0.56	20.28	30.53	24.26	22.98	25.86
600.0	0.55	20.16	25.62	24.21	23.10	25.83
650.0	0.55	20.11	25.14	24.15	23.07	25.34
700.0	0.55	20.07	24.89	24.78	23.12	25.06
750.0	0.56	19.92	25.50	24.45	23.35	24.52
800.0	0.58	19.72	27.27	25.41	23.80	24.41
850.0	0.59	19.53	23.06	26.52	24.05	24.00
900.0	0.62	19.38	24.56	27.11	24.33	24.10
950.0	0.62	19.26	22.23	28.45	25.42	23.44
1000.0	0.65	19.12	23.38	29.12	26.11	23.57
1050.0	0.68	18.96	21.95	30.51	26.75	22.99
1100.0	0.69	18.81	21.82	31.20	26.49	23.19
1200.0	0.73	18.51	20.42	32.12	27.62	23.06
1300.0	0.76	18.22	18.99	32.41	29.43	23.03
1400.0	0.80	17.95	18.62	30.47	28.98	22.76
1500.0	0.85	17.68	17.26	29.30	29.72	22.13
1600.0	0.94	17.51	15.37	28.24	30.03	21.04
1700.0	1.07	17.47	14.34	27.49	29.58	19.75
1800.0	1.22	17.43	14.21	24.05	28.84	18.53
1900.0	1.34	17.27	14.03	21.48	25.39	17.47
2000.0	1.44	17.03	13.69	19.27	23.20	16.52



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IF/RF MICROWAVE COMPONENTS



REV. X1

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12/30/2008

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