

Directional Coupler

TCD-ED12623/2.XLS

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	1.77	10.52	17.06	10.84	11.30	9.75
0.5	1.49	10.31	19.12	13.40	14.71	12.25
0.7	1.36	10.20	19.98	14.78	16.83	13.71
1.0	1.26	10.10	20.60	15.98	18.93	15.13
3.0	1.00	9.92	22.19	19.06	25.12	18.66
5.0	0.92	9.87	22.83	20.19	28.11	19.91
7.0	0.88	9.85	23.09	20.74	30.03	20.56
9.0	0.87	9.84	23.21	21.05	31.29	20.93
10.0	0.87	9.84	23.25	21.14	31.75	21.04
20.0	0.87	9.83	23.14	21.52	34.24	21.46
30.0	0.88	9.84	23.01	21.52	35.04	21.51
40.0	0.89	9.85	22.85	21.48	35.18	21.50
50.0	0.91	9.86	22.76	21.44	35.03	21.48
75.0	0.93	9.88	22.58	21.42	34.08	21.38
100.0	0.94	9.90	22.42	21.35	32.59	21.27
150.0	0.97	9.94	22.04	21.00	29.92	21.09
200.0	1.00	9.97	21.57	20.71	27.99	20.79
250.0	1.02	10.01	21.12	20.31	26.27	20.50
300.0	1.04	10.05	20.53	19.91	24.89	20.14
350.0	1.06	10.09	20.04	19.53	23.89	19.86
400.0	1.08	10.12	19.43	19.10	22.87	19.52
450.0	1.10	10.15	18.88	18.74	22.07	19.21
500.0	1.12	10.18	18.30	18.31	21.33	18.91
550.0	1.14	10.20	17.72	17.99	20.72	18.57
600.0	1.17	10.22	17.15	17.65	20.14	18.41
650.0	1.19	10.24	16.63	17.34	19.64	18.05
700.0	1.22	10.25	16.13	17.08	19.22	17.89
750.0	1.25	10.26	15.62	16.82	18.79	17.64
800.0	1.28	10.26	15.15	16.60	18.44	17.45
850.0	1.31	10.26	14.70	16.39	18.12	17.32
900.0	1.34	10.26	14.26	16.22	17.82	17.14
950.0	1.37	10.25	13.83	16.02	17.52	17.06
1000.0	1.41	10.24	13.42	15.88	17.30	16.96
1125.0	1.50	10.20	12.49	15.59	16.80	16.83
1250.0	1.60	10.15	11.65	15.32	16.36	16.84
1375.0	1.71	10.08	10.89	15.11	15.97	16.95
1500.0	1.85	10.03	10.20	14.95	15.61	17.13
1625.0	1.99	9.98	9.57	14.77	15.24	17.48
1750.0	2.16	9.94	9.01	14.71	14.92	17.95
1875.0	2.35	9.92	8.51	14.59	14.62	18.57
2000.0	2.56	9.91	8.08	14.50	14.39	19.38