

Directional Coupler

TCD-ED10230

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.1	1.95	17.79	20.01	7.90	7.74	8.01
0.3	1.15	17.54	24.81	14.58	14.09	14.66
0.5	1.01	17.56	28.26	17.03	16.29	17.02
0.7	0.92	17.51	30.63	18.48	17.56	18.39
0.9	0.85	17.47	32.43	19.55	18.50	19.40
1.0	0.82	17.44	32.93	20.00	18.89	19.84
2.0	0.67	17.32	36.00	23.11	21.40	22.72
3.0	0.60	17.28	38.78	24.81	22.64	24.25
4.0	0.58	17.26	40.20	25.89	23.37	25.20
5.0	0.56	17.25	41.86	26.58	23.83	25.80
6.0	0.55	17.25	43.19	27.10	24.14	26.24
7.0	0.54	17.24	43.69	27.46	24.38	26.55
8.0	0.55	17.25	44.28	27.76	24.54	26.81
9.0	0.54	17.24	44.91	27.99	24.67	26.99
10.0	0.52	17.23	45.08	28.17	24.79	27.17
15.0	0.52	17.23	42.88	28.71	25.10	27.58
20.0	0.52	17.23	39.91	28.92	25.21	27.72
25.0	0.52	17.23	37.79	29.02	25.26	27.81
30.0	0.53	17.23	37.05	29.09	25.29	27.84
35.0	0.52	17.25	35.16	29.19	25.29	27.87
40.0	0.53	17.24	33.97	29.15	25.30	27.86
45.0	0.53	17.24	32.61	29.15	25.30	27.84
50.0	0.53	17.24	32.18	29.19	25.28	27.84
55.0	0.53	17.25	31.13	29.15	25.28	27.80
60.0	0.53	17.24	30.34	29.19	25.28	27.86
65.0	0.54	17.24	29.60	29.17	25.27	27.86
70.0	0.54	17.25	28.86	29.17	25.25	27.82
75.0	0.54	17.25	28.44	29.17	25.21	27.82
80.0	0.54	17.26	27.75	29.14	25.21	27.87
85.0	0.55	17.26	26.98	29.09	25.18	27.84
90.0	0.55	17.26	26.62	29.08	25.14	27.85
95.0	0.54	17.26	26.09	29.03	25.12	27.89
100.0	0.54	17.26	25.68	29.03	25.12	27.93
105.0	0.54	17.26	25.38	29.00	25.09	27.93
110.0	0.54	17.28	25.05	28.96	25.06	27.97
115.0	0.55	17.28	24.47	28.93	25.03	27.95
120.0	0.55	17.28	24.17	28.92	25.01	27.97
135.0	0.55	17.29	23.03	28.73	24.88	28.02
150.0	0.55	17.30	22.28	28.52	24.72	27.98
175.0	0.56	17.33	20.91	28.08	24.37	27.75
200.0	0.57	17.35	19.60	27.60	23.94	27.44