

Directional Coupler

ZADC-ED16177/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
0.30	0.12	31.43	16.69	36.58	33.67	39.98
0.50	0.12	31.42	16.85	38.69	34.78	39.88
0.70	0.13	31.41	17.08	40.41	35.90	39.76
0.90	0.12	31.41	16.77	41.91	36.54	39.64
1.00	0.12	31.36	16.90	42.85	37.09	39.58
2.00	0.10	31.38	16.95	47.06	38.96	39.65
3.00	0.10	31.38	17.05	54.25	39.98	39.56
4.00	0.10	31.42	16.82	62.05	40.25	39.59
5.00	0.10	31.42	17.07	60.42	40.49	39.54
6.00	0.10	31.42	16.88	52.96	40.37	39.55
7.00	0.10	31.43	17.01	52.48	40.12	39.52
8.00	0.10	31.40	16.82	50.04	39.65	39.46
9.00	0.10	31.40	17.05	47.82	39.57	39.49
10.00	0.10	31.37	16.99	48.21	39.62	39.45
15.00	0.11	31.42	16.67	41.95	38.01	39.41
20.00	0.11	31.38	16.62	39.06	36.55	39.29
25.00	0.12	31.40	16.32	37.12	35.15	39.18
30.00	0.12	31.38	16.38	35.43	34.02	39.02
35.00	0.12	31.36	16.11	33.99	32.69	38.81
40.00	0.13	31.34	16.26	32.94	31.67	38.63
45.00	0.13	31.30	15.94	31.92	30.82	38.45
50.00	0.13	31.31	15.69	30.95	29.88	38.17
55.00	0.14	31.28	15.39	30.16	29.18	37.94
60.00	0.14	31.24	15.22	29.33	28.44	37.68
65.00	0.15	31.21	14.93	28.59	27.72	37.37
70.00	0.15	31.17	14.71	27.96	27.07	37.15
75.00	0.16	31.14	14.46	27.41	26.45	36.87
80.00	0.16	31.11	14.13	26.86	25.94	36.59
85.00	0.17	31.07	13.93	26.37	25.40	36.36
90.00	0.18	31.02	13.67	25.88	24.90	36.09
95.00	0.18	30.97	13.39	25.40	24.46	35.86
100.00	0.19	30.90	13.02	25.00	24.06	35.63
110.00	0.20	30.79	12.50	24.22	23.20	35.17
120.00	0.21	30.68	11.97	23.51	22.54	34.71
130.00	0.23	30.51	11.46	22.85	21.84	34.30
140.00	0.25	30.34	10.98	22.28	21.18	33.84
150.00	0.25	30.17	10.43	21.68	20.54	33.39
175.00	0.32	29.61	9.12	20.41	19.06	32.22
200.00	0.41	28.83	7.83	19.16	17.60	31.10