

Directional Coupler

ZADC-ED16174/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
0.30	0.59	12.45	17.50	24.21	20.83	26.39
0.50	0.53	12.40	17.43	27.58	22.32	28.94
0.70	0.50	12.37	17.35	29.85	23.30	30.07
0.90	0.48	12.36	17.35	31.59	23.89	30.62
1.00	0.47	12.36	17.35	32.43	24.12	30.78
2.00	0.44	12.33	17.30	37.67	25.09	31.41
3.00	0.43	12.34	17.31	42.09	25.39	31.53
4.00	0.43	12.34	17.32	44.49	25.46	31.58
5.00	0.43	12.34	17.31	46.45	25.49	31.57
6.00	0.43	12.34	17.31	49.84	25.54	31.65
7.00	0.44	12.34	17.33	48.91	25.49	31.66
8.00	0.44	12.35	17.29	50.40	25.40	31.67
9.00	0.44	12.35	17.31	49.78	25.47	31.67
10.00	0.44	12.35	17.30	51.07	25.48	31.64
15.00	0.44	12.35	17.34	45.59	25.40	31.51
20.00	0.45	12.35	17.33	42.38	25.32	31.30
25.00	0.46	12.36	17.30	40.24	25.33	31.05
30.00	0.45	12.36	17.33	38.38	25.15	30.76
35.00	0.46	12.36	17.31	36.95	25.06	30.46
40.00	0.47	12.36	17.33	35.94	24.89	30.14
45.00	0.46	12.37	17.30	34.66	24.82	29.85
50.00	0.47	12.37	17.33	33.66	24.61	29.52
55.00	0.47	12.38	17.33	32.79	24.43	29.20
60.00	0.47	12.38	17.30	31.95	24.23	28.87
65.00	0.48	12.38	17.31	31.21	24.03	28.53
70.00	0.48	12.38	17.31	30.53	23.83	28.23
75.00	0.49	12.39	17.31	30.02	23.62	27.90
80.00	0.49	12.39	17.29	29.42	23.38	27.60
85.00	0.49	12.38	17.28	28.91	23.15	27.29
90.00	0.50	12.39	17.25	28.44	22.95	26.98
95.00	0.50	12.39	17.22	27.96	22.74	26.67
100.00	0.51	12.39	17.21	27.55	22.51	26.39
110.00	0.51	12.39	17.14	26.79	22.03	25.83
120.00	0.53	12.40	17.02	26.10	21.60	25.30
130.00	0.54	12.40	16.88	25.49	21.14	24.80
140.00	0.54	12.40	16.72	24.93	20.67	24.33
150.00	0.55	12.39	16.53	24.41	20.25	23.87
175.00	0.58	12.38	15.83	23.29	19.25	22.82
200.00	0.62	12.35	14.90	22.37	18.40	21.82
250.00	0.70	12.23	12.61	21.05	17.05	20.10
300.00	0.81	11.98	10.28	20.22	15.77	18.73