

Directional Coupler

ZADC-ED11942/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	1.25	12.14	7.14	7.69	6.98	4.68
0.5	0.65	12.43	9.48	11.55	10.63	7.91
0.7	0.46	12.65	11.54	14.28	13.30	10.43
0.9	0.39	12.77	13.26	16.40	15.41	12.46
1.0	0.36	12.81	14.03	17.31	16.33	13.35
3.0	0.37	13.00	21.72	25.06	26.32	21.34
5.0	0.37	13.01	23.41	26.58	29.75	23.08
7.0	0.36	13.02	23.89	27.28	31.44	23.94
9.0	0.37	13.03	24.13	27.72	32.41	24.52
10.0	0.38	13.04	24.26	27.89	32.73	24.74
20.0	0.34	13.04	24.20	28.57	33.14	26.05
30.0	0.33	13.05	24.12	28.89	32.79	26.60
40.0	0.33	13.06	24.10	29.29	32.49	26.91
50.0	0.34	13.07	24.08	29.70	32.31	27.12
70.0	0.35	13.09	24.09	30.45	32.07	27.38
90.0	0.36	13.11	24.15	30.86	31.87	27.54
100.0	0.36	13.12	24.10	30.97	31.98	27.60
125.0	0.38	13.15	24.03	31.72	32.14	27.71
150.0	0.39	13.17	24.17	32.01	31.92	27.79
175.0	0.41	13.19	24.27	32.66	31.81	27.80
200.0	0.42	13.22	24.41	33.05	31.59	27.79
225.0	0.44	13.25	24.53	33.27	31.41	27.79
250.0	0.45	13.27	24.65	33.60	31.28	27.75
275.0	0.46	13.30	24.99	33.77	30.77	27.68
300.0	0.48	13.33	25.46	33.76	30.11	27.63
325.0	0.50	13.37	25.89	33.39	29.67	27.42
350.0	0.51	13.40	26.40	32.87	29.16	27.10
375.0	0.53	13.44	27.02	32.25	28.57	26.72
400.0	0.55	13.48	27.78	31.53	27.97	26.27
425.0	0.57	13.53	28.82	30.70	27.35	25.75
450.0	0.59	13.57	30.22	29.82	26.63	25.19
475.0	0.62	13.62	31.91	28.90	25.90	24.60
500.0	0.64	13.68	34.02	28.08	25.17	23.96
525.0	0.67	13.73	36.37	27.28	24.45	23.31
550.0	0.70	13.80	37.29	26.51	23.73	22.63
575.0	0.74	13.86	35.03	25.73	23.05	21.89
600.0	0.77	13.93	31.71	25.02	22.36	21.19
700.0	0.95	14.27	21.28	22.14	19.33	18.45
800.0	1.23	14.76	14.32	18.82	16.37	15.66
900.0	1.73	15.56	8.40	14.91	13.72	12.84
1000.0	2.77	17.03	2.68	10.65	11.72	9.98