

Directional Coupler

ZADC-ED11966/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	0.72	13.94	9.35	9.99	9.45	8.39
0.5	0.36	14.37	12.36	14.10	13.48	12.04
0.7	0.26	14.55	14.68	16.92	16.30	14.64
0.9	0.23	14.64	16.45	19.08	18.49	16.67
1.0	0.22	14.67	17.18	20.00	19.44	17.54
3.0	0.24	14.77	23.45	27.74	29.58	25.21
5.0	0.25	14.79	24.49	29.25	33.21	27.10
7.0	0.24	14.79	24.75	29.96	35.11	28.05
9.0	0.25	14.81	24.88	30.39	36.21	28.69
10.0	0.26	14.82	25.03	30.56	36.52	28.94
20.0	0.23	14.82	24.92	31.11	36.77	30.39
30.0	0.22	14.83	24.90	31.38	36.02	30.96
40.0	0.22	14.84	24.87	31.92	35.58	31.20
50.0	0.23	14.85	24.84	32.50	35.26	31.25
70.0	0.24	14.88	24.85	33.76	34.80	30.99
90.0	0.25	14.90	24.89	34.57	34.31	30.58
100.0	0.26	14.91	24.79	34.96	34.31	30.34
125.0	0.27	14.95	24.60	36.84	34.22	29.72
150.0	0.29	14.99	24.54	38.09	33.64	29.16
175.0	0.30	15.02	24.41	40.83	33.22	28.69
200.0	0.32	15.06	24.25	44.31	32.94	28.24
225.0	0.34	15.11	24.12	48.44	32.69	27.83
250.0	0.35	15.15	23.97	54.51	32.42	27.48
275.0	0.37	15.21	24.03	58.95	31.79	27.22
300.0	0.38	15.26	24.09	48.49	31.21	27.11
325.0	0.40	15.32	24.12	44.19	30.86	27.15
350.0	0.42	15.39	24.12	40.91	30.54	27.30
375.0	0.44	15.46	24.14	38.74	30.21	27.57
400.0	0.46	15.55	24.29	37.07	29.70	27.99
425.0	0.48	15.63	24.61	35.51	29.12	28.69
450.0	0.51	15.73	24.95	33.96	28.55	29.75
475.0	0.54	15.84	25.27	32.56	27.92	31.15
500.0	0.57	15.97	25.60	31.30	27.12	33.17
525.0	0.60	16.10	25.89	30.22	26.29	36.43
550.0	0.64	16.25	26.00	29.14	25.48	41.66
575.0	0.68	16.42	25.71	28.09	24.68	41.13
600.0	0.72	16.61	24.82	27.04	23.76	34.97
700.0	0.97	17.65	16.97	22.68	19.73	22.01
800.0	1.41	19.48	8.41	17.73	15.92	15.20
900.0	2.34	22.79	-0.05	12.74	12.82	10.55
1000.0	4.18	27.19	-7.89	8.61	10.98	7.53