

Directional Coupler

ADC-ED12322/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.3	1.53	16.87	20.44	11.30	11.89	8.68
0.4	1.32	16.51	21.33	12.79	13.53	10.04
0.5	1.19	16.29	21.97	13.90	14.77	11.09
0.7	1.04	16.04	22.82	15.52	16.61	12.64
0.9	0.95	15.89	23.19	16.69	17.97	13.79
10.0	0.57	15.30	23.26	25.11	31.23	21.97
20.0	0.55	15.28	23.12	25.65	32.94	22.47
30.0	0.55	15.29	23.01	25.72	33.20	22.46
40.0	0.56	15.30	22.88	25.74	33.08	22.36
50.0	0.56	15.31	22.71	25.75	32.77	22.22
60.0	0.57	15.32	22.49	25.77	32.42	22.07
70.0	0.58	15.32	22.26	25.75	32.10	21.88
80.0	0.58	15.33	22.01	25.67	31.91	21.69
110.0	0.60	15.36	20.95	25.46	30.84	21.04
140.0	0.61	15.39	20.02	25.34	29.64	20.34
170.0	0.62	15.43	19.10	25.14	28.68	19.62
200.0	0.63	15.46	18.23	24.96	27.81	18.89
230.0	0.65	15.49	17.45	24.71	27.03	18.18
250.0	0.65	15.52	16.93	24.57	26.62	17.74
275.0	0.67	15.55	16.36	24.41	26.12	17.22
304.0	0.68	15.59	15.79	24.23	25.48	16.67
333.0	0.69	15.63	15.29	23.97	24.91	16.16
362.0	0.71	15.66	14.85	23.63	24.37	15.67
391.0	0.72	15.70	14.41	23.44	23.99	15.19
420.0	0.74	15.74	14.00	23.25	23.64	14.75
446.0	0.75	15.77	13.68	23.04	23.35	14.38
472.0	0.77	15.80	13.41	22.74	22.99	14.04
498.0	0.78	15.83	13.17	22.49	22.67	13.72
524.0	0.80	15.86	12.94	22.27	22.41	13.42
550.0	0.82	15.89	12.71	22.07	22.18	13.14
610.0	0.86	15.94	12.23	21.53	21.67	12.52
670.0	0.90	15.99	11.74	21.12	21.26	11.98
730.0	0.94	16.04	11.28	20.65	20.93	11.52
790.0	0.99	16.07	10.79	20.30	20.70	11.10
850.0	1.03	16.08	10.28	19.96	20.47	10.71
910.0	1.07	16.07	9.74	19.65	20.35	10.35
970.0	1.11	16.04	9.14	19.41	20.25	10.00
1030.0	1.15	15.98	8.54	19.20	20.23	9.70
1090.0	1.20	15.91	7.91	19.07	20.18	9.42
1150.0	1.24	15.80	7.30	18.96	20.25	9.15
1200.0	1.28	15.68	6.79	18.92	20.27	8.94