

Directional Coupler

ADC-ED9780/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.5	2.00	8.16	12.75	9.26	10.26	8.21
0.9	1.63	8.11	15.96	13.02	13.69	13.15
1.0	1.61	8.12	16.29	13.56	14.10	14.05
3.0	1.48	8.32	17.88	16.52	16.63	21.63
5.0	1.40	8.32	18.39	17.38	17.41	25.08
7.0	1.37	8.31	18.63	17.80	17.79	27.43
9.0	1.35	8.30	18.78	18.05	18.03	29.21
10.0	1.34	8.29	18.82	18.16	18.10	29.95
30.0	1.29	8.30	19.05	18.84	18.66	37.42
50.0	1.29	8.31	19.07	19.08	18.80	37.33
70.0	1.29	8.31	19.05	19.24	18.96	35.45
90.0	1.29	8.32	18.98	19.35	19.15	33.38
100.0	1.29	8.34	18.93	19.39	19.29	32.28
150.0	1.29	8.38	18.82	19.58	20.18	28.87
200.0	1.31	8.43	18.62	19.62	20.65	26.06
250.0	1.33	8.47	18.46	19.50	21.00	24.87
300.0	1.37	8.47	18.29	19.24	22.12	23.95
350.0	1.43	8.46	18.19	18.81	22.56	23.11
400.0	1.47	8.44	18.12	18.58	23.23	23.19
450.0	1.49	8.41	18.06	18.40	24.13	22.88
500.0	1.48	8.37	18.07	18.80	24.17	22.16
550.0	1.49	8.34	18.13	19.23	24.98	22.64
600.0	1.49	8.30	18.20	19.92	26.50	22.40
650.0	1.49	8.25	18.29	20.38	26.55	22.34
700.0	1.52	8.22	18.38	20.94	28.14	22.75
750.0	1.55	8.17	18.41	21.12	29.26	22.61
800.0	1.57	8.11	18.36	21.23	28.81	22.35
850.0	1.64	8.07	18.20	21.01	30.41	21.89
900.0	1.66	8.02	17.85	20.66	30.61	21.15
950.0	1.70	7.96	17.44	20.33	30.14	20.61
1000.0	1.77	7.91	16.86	19.96	32.82	20.53
1100.0	1.87	7.80	15.54	19.41	33.56	19.64
1200.0	2.01	7.69	14.19	18.96	31.51	19.26
1300.0	2.18	7.57	13.02	18.47	25.00	20.69
1400.0	2.39	7.49	12.16	17.80	22.10	21.93
1500.0	2.63	7.43	11.64	17.12	21.54	22.21
1600.0	2.89	7.47	11.47	16.61	19.62	24.52
1700.0	3.18	7.58	11.71	16.38	19.00	25.68
1800.0	3.51	7.81	12.46	16.20	20.34	27.69
1900.0	3.97	8.19	13.99	15.91	19.66	30.39
2000.0	4.56	8.77	16.67	14.96	18.83	24.71