

Directional Coupler

ADC-ED11685/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.5	2.29	8.99	12.43	11.08	10.51	9.50
0.7	2.01	8.99	13.74	12.54	12.33	10.72
0.9	1.84	8.98	14.74	13.59	13.74	11.60
1.0	1.78	8.98	15.18	14.02	14.35	11.97
3.0	1.35	8.94	20.30	17.85	21.15	15.28
5.0	1.24	8.93	22.73	19.13	24.75	16.34
7.0	1.20	8.93	24.07	19.73	27.34	16.79
10.0	1.18	8.93	25.09	20.15	30.24	17.09
42.0	1.19	8.97	25.71	20.69	40.42	17.37
50.0	1.19	8.97	25.61	20.72	40.89	17.37
52.0	1.19	8.97	25.61	20.74	41.07	17.36
54.0	1.19	8.98	25.58	20.75	41.14	17.36
56.0	1.20	8.98	25.57	20.76	41.11	17.36
60.0	1.20	8.98	25.54	20.79	41.12	17.35
70.0	1.20	8.99	25.44	20.84	41.01	17.33
80.0	1.21	9.00	25.35	20.91	40.69	17.29
90.0	1.21	9.01	25.24	20.96	40.05	17.26
100.0	1.21	9.01	25.16	21.01	39.43	17.22
200.0	1.25	9.09	24.23	21.07	36.49	16.58
300.0	1.28	9.17	23.11	21.09	34.09	15.74
400.0	1.31	9.23	21.89	21.04	32.74	14.93
500.0	1.35	9.27	20.65	21.48	31.09	14.26
600.0	1.39	9.28	19.38	22.29	28.97	13.74
700.0	1.45	9.27	18.23	22.86	27.13	13.26
800.0	1.50	9.23	17.23	23.51	25.45	12.84
820.0	1.52	9.22	17.03	23.47	25.19	12.78
840.0	1.53	9.20	16.83	23.47	25.01	12.72
860.0	1.54	9.19	16.64	23.52	24.86	12.66
880.0	1.56	9.18	16.45	23.60	24.70	12.60
900.0	1.57	9.16	16.28	23.67	24.50	12.54
950.0	1.61	9.12	15.87	23.74	23.84	12.40
1000.0	1.65	9.07	15.46	23.89	23.20	12.31
1050.0	1.69	9.02	15.08	23.84	22.72	12.19
1100.0	1.73	8.97	14.71	23.87	22.37	12.19
1150.0	1.78	8.92	14.35	23.67	21.80	12.12
1200.0	1.82	8.86	14.03	23.74	21.26	12.14
1300.0	1.93	8.76	13.43	23.28	20.11	12.22
1400.0	2.04	8.65	12.94	22.85	19.10	12.37
1500.0	2.17	8.56	12.53	22.02	18.16	12.67