

Directional Coupler

ADC-ED12758

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	0.27	26.12	13.13	13.59	13.55	12.61
3.0	0.09	26.44	22.48	23.26	23.25	22.15
5.0	0.12	26.47	27.97	27.81	27.87	27.24
10.0	0.14	26.49	33.14	31.50	31.90	31.60
20.0	0.13	26.51	36.61	34.06	34.57	33.90
30.0	0.12	26.51	36.84	35.16	35.85	34.84
40.0	0.12	26.51	35.04	35.80	36.39	35.18
50.0	0.12	26.51	33.50	35.75	36.35	35.18
60.0	0.12	26.51	32.04	35.46	36.20	34.96
70.0	0.12	26.50	30.69	35.05	36.00	34.65
80.0	0.12	26.50	29.67	34.75	35.56	34.30
90.0	0.12	26.49	28.63	34.46	35.15	33.96
100.0	0.12	26.48	27.68	34.14	34.71	33.55
125.0	0.13	26.45	25.77	33.28	33.68	32.56
150.0	0.13	26.41	24.27	32.10	32.76	31.53
175.0	0.14	26.35	22.99	31.37	31.89	30.54
200.0	0.15	26.29	21.96	30.57	31.12	29.61
225.0	0.16	26.22	20.99	29.86	30.41	28.73
250.0	0.16	26.14	20.19	29.15	29.75	27.93
275.0	0.18	26.06	19.39	28.36	28.87	27.20
300.0	0.18	25.97	18.67	27.68	28.08	26.51
325.0	0.19	25.87	18.01	27.11	27.48	25.87
350.0	0.20	25.77	17.46	26.65	27.05	25.29
375.0	0.21	25.67	16.91	26.22	26.53	24.75
400.0	0.22	25.56	16.37	25.73	25.86	24.24
425.0	0.24	25.45	15.88	25.27	25.29	23.74
450.0	0.25	25.35	15.43	24.98	24.90	23.29
475.0	0.26	25.25	15.00	24.74	24.52	22.88
500.0	0.27	25.14	14.54	24.41	24.06	22.45
525.0	0.29	25.04	14.07	24.14	23.56	22.02
550.0	0.30	24.94	13.63	23.97	23.23	21.62
600.0	0.34	24.77	12.75	23.57	22.40	20.86
700.0	0.40	24.55	11.14	22.87	21.02	19.45
800.0	0.46	24.54	9.64	21.99	19.86	18.18
900.0	0.50	24.60	8.52	20.60	18.86	17.09
1000.0	0.52	24.62	7.84	19.01	17.91	16.15
1100.0	0.55	24.55	7.45	17.51	16.98	15.27
1200.0	0.59	24.44	7.19	16.16	16.01	14.47
1300.0	0.64	24.29	7.02	14.97	15.07	13.72
1400.0	0.69	24.16	6.88	13.85	14.13	13.01
1500.0	0.76	24.05	6.74	12.83	13.22	12.36