

Directional Coupler

ADC-ED10264

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.3	1.28	10.87	22.06	15.48	17.09	12.68
0.5	1.19	10.81	25.09	17.21	20.19	14.33
0.7	1.11	10.77	26.86	18.15	22.09	15.23
1.0	1.04	10.70	29.00	19.09	24.21	16.12
3.0	0.91	10.60	35.76	21.23	31.72	18.12
5.0	0.88	10.58	39.44	21.74	35.74	18.58
7.0	0.87	10.57	41.23	21.95	38.58	18.77
9.0	0.86	10.57	42.93	22.05	40.77	18.89
10.0	0.86	10.57	43.29	22.09	41.78	18.92
20.0	0.87	10.57	44.89	22.18	46.89	19.03
30.0	0.86	10.58	44.15	22.14	45.00	19.05
40.0	0.87	10.58	41.86	22.11	42.55	19.10
50.0	0.87	10.59	40.52	22.08	40.62	19.13
75.0	0.87	10.59	37.13	21.94	37.03	19.25
100.0	0.89	10.60	34.66	21.83	34.49	19.40
200.0	0.89	10.57	28.44	21.39	28.39	19.98
300.0	0.89	10.53	24.84	21.33	25.55	20.62
400.0	0.90	10.47	22.42	20.86	23.28	22.36
500.0	0.93	10.40	20.56	19.77	22.16	25.62
550.0	0.94	10.35	19.86	19.49	21.43	27.03
600.0	0.95	10.31	19.19	19.42	20.94	28.59
650.0	0.96	10.27	18.62	19.49	20.92	29.63
700.0	0.98	10.23	18.12	19.73	20.85	30.85
750.0	1.00	10.18	17.66	20.10	20.50	34.70
800.0	1.01	10.14	17.24	20.32	20.30	40.13
850.0	1.04	10.09	16.85	20.14	20.65	32.52
860.0	1.05	10.08	16.82	20.07	20.77	31.54
870.0	1.05	10.08	16.71	20.02	20.82	30.71
880.0	1.05	10.08	16.66	19.95	20.94	30.00
900.0	1.05	10.06	16.54	19.87	21.03	28.93
1000.0	1.12	9.98	15.93	20.27	21.34	25.80
1100.0	1.18	9.92	15.39	22.06	22.84	25.57
1200.0	1.24	9.85	14.81	22.59	22.90	23.04
1300.0	1.35	9.81	14.14	21.65	24.94	21.63
1400.0	1.48	9.76	13.40	21.83	25.60	21.96
1500.0	1.66	9.75	12.55	22.78	29.36	23.02
1625.0	1.94	9.81	11.46	19.06	29.71	20.85
1750.0	2.35	10.04	10.34	16.14	28.90	21.10
1875.0	2.88	10.55	9.28	15.29	29.42	19.16
2000.0	3.55	11.38	8.42	12.30	26.76	15.80