

Directional Coupler

ADC-ED12259/4

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	2.31	10.42	15.88	7.89	7.93	8.61
0.5	1.90	10.30	17.98	10.51	11.04	11.29
0.7	1.72	10.23	18.75	12.21	13.08	12.85
1.0	1.56	10.17	19.35	13.84	15.21	14.41
3.0	1.17	9.97	21.43	17.95	22.61	18.22
5.0	1.06	9.91	22.18	19.40	26.44	19.73
7.0	1.01	9.89	22.55	19.73	29.42	20.08
9.0	0.99	9.88	22.70	20.08	32.26	20.44
10.0	0.99	9.88	22.79	20.08	32.26	20.44
20.0	0.98	9.87	22.92	20.44	46.06	20.44
30.0	1.00	9.87	22.92	20.08	46.06	20.44
40.0	1.01	9.88	22.81	20.08	40.09	20.44
50.0	1.02	9.89	22.73	20.08	36.61	20.44
60.0	1.03	9.91	22.57	20.44	36.61	20.44
70.0	1.04	9.92	22.45	20.44	36.61	20.44
80.0	1.04	9.92	22.30	20.83	36.61	20.44
100.0	1.06	9.91	22.12	20.44	34.15	20.44
200.0	1.09	9.90	21.08	20.44	27.32	20.08
300.0	1.11	9.87	20.26	20.08	24.29	20.44
400.0	1.13	9.76	19.67	19.73	21.66	20.83
500.0	1.16	9.70	19.32	20.44	20.44	21.66
550.0	1.20	9.73	19.03	23.13	20.83	22.61
600.0	1.23	9.73	19.17	23.13	19.73	23.13
650.0	1.24	9.70	19.15	25.66	20.44	23.13
700.0	1.27	9.70	19.34	23.69	20.08	23.69
750.0	1.27	9.68	19.31	24.29	20.83	22.61
800.0	1.30	9.66	19.52	24.94	20.83	22.61
850.0	1.30	9.64	19.00	24.94	21.23	21.66
860.0	1.31	9.63	18.87	24.94	20.83	21.66
870.0	1.32	9.62	18.90	24.29	21.23	21.66
880.0	1.33	9.63	19.14	24.29	21.23	21.23
890.0	1.34	9.64	19.47	24.29	21.66	20.83
900.0	1.34	9.64	19.81	24.94	22.12	20.44
1000.0	1.41	9.62	19.39	28.30	23.13	18.22
1200.0	1.60	9.64	17.70	30.71	21.66	15.21
1400.0	1.80	9.62	15.02	28.30	18.78	13.32
1600.0	2.09	9.72	13.42	25.66	17.21	12.74
1800.0	2.46	9.87	12.05	23.13	18.78	13.58
2000.0	2.99	10.13	10.92	18.49	23.13	15.94
2200.0	3.66	10.55	9.50	15.21	25.66	19.73