

Directional Coupler

ADC-ED10778/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
3.0	1.31	17.05	36.59	14.43	15.19	14.49
5.0	1.19	16.95	35.21	16.01	17.11	16.04
7.0	1.10	16.86	36.57	16.99	18.28	16.98
9.0	1.03	16.78	37.27	17.74	19.20	17.70
10.0	1.00	16.75	37.11	18.05	19.60	18.01
20.0	0.84	16.56	38.81	20.14	22.34	20.05
30.0	0.78	16.48	39.66	21.23	23.85	21.12
40.0	0.74	16.44	39.31	21.93	24.88	21.81
50.0	0.73	16.41	39.57	22.42	25.65	22.33
75.0	0.70	16.38	39.91	23.16	26.91	23.13
100.0	0.70	16.37	39.47	23.53	27.89	23.61
200.0	0.74	16.40	38.47	24.95	29.83	24.58
300.0	0.79	16.35	36.06	25.42	29.41	25.78
400.0	0.76	16.23	32.91	25.98	28.26	25.86
500.0	0.75	16.14	29.63	27.98	29.64	27.83
550.0	0.75	16.10	28.31	27.22	30.43	28.30
600.0	0.76	16.05	27.66	28.05	31.02	28.29
650.0	0.78	16.02	27.42	28.86	30.80	27.26
700.0	0.79	15.99	27.67	27.45	29.40	26.21
750.0	0.82	15.95	27.53	26.70	28.42	25.92
800.0	0.84	15.92	26.24	28.46	28.89	26.34
850.0	0.87	15.87	24.24	31.24	30.84	26.84
860.0	0.87	15.86	23.88	31.42	31.27	26.92
870.0	0.88	15.86	23.46	31.49	31.73	27.00
880.0	0.89	15.86	23.22	31.50	32.04	27.04
900.0	0.90	15.85	22.60	31.49	32.63	27.16
1000.0	0.94	15.76	20.01	41.10	32.95	27.06
1100.0	1.00	15.70	17.62	27.92	33.16	23.00
1200.0	1.04	15.64	17.22	28.48	35.29	21.72
1300.0	1.08	15.58	16.72	31.31	32.53	22.90
1400.0	1.10	15.48	16.08	34.33	28.93	20.89
1500.0	1.17	15.42	14.41	45.35	24.91	17.73