

Directional Coupler

ADC-ED10553/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
10.0	3.17	6.45	13.59	10.49	11.97	8.73
30.0	2.92	6.32	16.43	12.58	19.00	11.10
50.0	2.88	6.28	17.00	13.07	21.35	11.67
70.0	2.84	6.25	17.24	13.38	22.26	11.98
90.0	2.82	6.24	17.36	13.64	22.61	12.19
100.0	2.83	6.24	17.37	13.75	22.64	12.26
110.0	2.84	6.23	17.37	13.86	22.63	12.32
120.0	2.83	6.23	17.39	13.96	22.57	12.38
130.0	2.81	6.23	17.38	14.05	22.47	12.42
140.0	2.82	6.23	17.38	14.13	22.36	12.46
150.0	2.83	6.23	17.36	14.19	22.24	12.51
160.0	2.80	6.23	17.33	14.22	22.09	12.55
170.0	2.77	6.23	17.32	14.24	21.94	12.58
180.0	2.78	6.23	17.28	14.24	21.77	12.62
190.0	2.83	6.23	17.26	14.22	21.62	12.65
200.0	2.84	6.23	17.23	14.20	21.46	12.69
250.0	2.77	6.22	17.04	14.07	20.67	12.84
300.0	2.83	6.19	16.84	14.58	19.75	12.85
350.0	2.78	6.18	16.54	15.22	19.02	13.11
400.0	2.85	6.15	16.47	15.58	18.37	13.68
450.0	2.92	6.14	16.12	15.72	17.72	14.14
500.0	2.88	6.10	15.91	16.42	17.08	14.30
550.0	2.94	6.07	15.64	16.88	16.47	14.27
600.0	2.95	6.02	15.39	16.21	15.88	14.06
650.0	3.04	6.00	15.13	15.80	15.32	13.83
700.0	3.07	5.95	14.82	16.31	14.77	13.76
710.0	3.10	5.94	14.76	16.46	14.67	13.80
720.0	3.12	5.94	14.70	16.59	14.58	13.86
730.0	3.13	5.93	14.67	16.68	14.49	13.92
740.0	3.13	5.92	14.65	16.71	14.40	13.99
750.0	3.15	5.92	14.63	16.70	14.32	14.09
760.0	3.17	5.91	14.61	16.64	14.24	14.18
770.0	3.17	5.91	14.54	16.53	14.16	14.28
780.0	3.16	5.91	14.49	16.37	14.09	14.35
790.0	3.18	5.91	14.45	16.20	14.03	14.42
800.0	3.22	5.90	14.40	16.02	13.96	14.44
900.0	3.35	5.83	13.68	15.84	13.27	14.24
1000.0	3.50	5.76	12.96	15.10	12.72	13.87