

Directional Coupler

ADC-ED10253/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.4	1.05	18.15	31.56	16.42	17.01	15.72
0.7	0.92	17.98	34.88	18.73	19.73	17.86
1.0	0.83	17.87	36.86	20.12	21.45	19.11
2.0	0.69	17.69	39.91	22.75	24.93	21.43
3.0	0.64	17.64	42.03	24.03	26.89	22.52
4.0	0.62	17.60	42.37	24.76	28.16	23.13
5.0	0.61	17.59	43.01	25.21	29.00	23.49
50.0	0.60	17.58	38.27	26.01	31.14	24.22
140.0	0.62	17.60	29.86	26.15	30.71	24.70
230.0	0.61	17.59	25.11	25.54	29.84	26.10
320.0	0.62	17.56	21.72	25.08	28.71	27.47
410.0	0.62	17.52	18.95	24.83	27.72	29.56
500.0	0.63	17.44	16.75	24.70	26.96	31.37
572.0	0.65	17.39	15.38	24.39	26.03	32.44
644.0	0.67	17.34	14.18	24.36	25.64	33.06
716.0	0.70	17.29	13.19	24.70	25.17	32.61
788.0	0.73	17.24	12.39	25.00	24.54	31.37
860.0	0.75	17.18	11.62	25.44	24.02	29.57
888.0	0.78	17.17	11.36	25.79	23.75	28.96
916.0	0.79	17.15	11.09	26.07	23.49	28.23
944.0	0.80	17.12	10.86	26.25	23.29	27.40
972.0	0.80	17.10	10.55	26.63	23.14	26.84
1000.0	0.83	17.09	10.31	27.01	22.95	26.27
1050.0	0.84	17.04	9.83	27.42	22.55	25.14
1100.0	0.87	17.00	9.35	28.01	22.37	24.41
1150.0	0.89	16.97	8.88	28.27	22.00	23.62
1200.0	0.90	16.90	8.33	28.38	21.82	23.17
1250.0	0.93	16.84	7.81	28.33	21.88	22.78
1300.0	0.97	16.78	7.26	27.59	21.91	22.80
1350.0	0.96	16.68	6.74	26.58	21.88	23.01
1400.0	1.02	16.63	6.20	25.35	22.14	23.69
1450.0	1.03	16.53	5.65	24.19	22.42	24.73
1500.0	1.09	16.45	5.10	22.94	22.82	26.44
1600.0	1.18	16.26	4.06	20.90	24.43	33.47
1700.0	1.31	16.12	3.09	19.09	26.37	29.25
1800.0	1.48	16.04	2.17	17.54	29.32	21.49