

Directional Coupler

ADC-ED10254

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.4	0.97	17.97	49.67	31.71	16.46	16.95
0.7	0.85	17.83	51.71	33.88	18.69	19.31
1.0	0.77	17.74	52.99	35.25	19.97	20.72
2.0	0.65	17.59	56.57	38.99	22.23	23.29
3.0	0.61	17.54	58.45	40.91	23.26	24.52
4.0	0.59	17.51	59.71	42.20	23.88	25.27
5.0	0.57	17.50	60.92	43.43	24.26	25.72
50.0	0.56	17.48	64.51	47.03	25.03	26.62
140.0	0.58	17.48	53.92	36.44	25.05	26.88
230.0	0.60	17.44	46.63	29.19	24.98	27.49
320.0	0.62	17.36	41.44	24.08	25.04	27.76
410.0	0.65	17.25	37.86	20.61	25.17	27.90
500.0	0.68	17.13	35.13	18.01	25.41	27.39
572.0	0.71	17.02	33.42	16.40	25.50	26.49
644.0	0.75	16.92	31.99	15.07	25.74	25.75
716.0	0.79	16.82	30.81	13.99	26.46	25.07
788.0	0.82	16.72	29.81	13.09	27.11	24.41
860.0	0.86	16.62	28.92	12.31	28.06	24.04
888.0	0.88	16.59	28.61	12.02	28.37	23.91
916.0	0.90	16.57	28.31	11.74	28.74	23.74
944.0	0.90	16.51	27.99	11.48	29.69	23.70
972.0	0.92	16.47	27.67	11.20	30.49	23.86
1000.0	0.95	16.44	27.40	10.96	30.61	23.89
1050.0	0.96	16.35	26.84	10.49	31.71	23.71
1100.0	0.99	16.28	26.28	10.00	32.21	24.13
1150.0	1.00	16.19	25.71	9.51	32.68	24.03
1200.0	1.03	16.10	25.13	9.03	31.76	24.79
1250.0	1.05	16.00	24.53	8.53	31.10	25.04
1300.0	1.08	15.92	23.92	8.00	29.77	26.03
1350.0	1.09	15.80	23.32	7.52	28.07	27.02
1400.0	1.14	15.73	22.71	6.99	26.15	28.50
1450.0	1.15	15.61	22.12	6.50	25.27	29.94
1500.0	1.21	15.52	21.53	6.00	23.39	32.20
1600.0	1.29	15.36	20.39	5.03	21.04	33.06
1700.0	1.41	15.24	19.34	4.10	19.23	27.93
1800.0	1.55	15.17	18.42	3.25	17.78	23.46