

Directional Coupler

ADC-ED10228/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.3	1.40	20.84	13.73	12.49	13.01	11.99
0.5	1.15	20.96	16.05	15.11	15.51	14.64
0.7	1.05	21.01	17.48	16.63	16.95	16.26
1.0	0.96	21.03	18.98	18.00	18.24	17.80
3.0	0.70	20.98	24.73	21.85	21.79	22.00
5.0	0.58	20.95	27.30	24.30	24.08	24.55
7.0	0.54	20.92	28.07	26.19	25.82	26.56
9.0	0.52	20.91	28.58	27.71	27.18	28.19
10.0	0.51	20.90	28.78	28.40	27.79	28.93
20.0	0.51	20.89	29.11	32.74	31.37	33.84
30.0	0.51	20.91	28.80	35.10	33.05	36.63
40.0	0.52	20.93	28.55	35.81	33.71	38.06
50.0	0.52	20.94	28.33	35.65	33.89	38.56
75.0	0.54	20.95	27.55	33.84	33.73	38.39
125.0	0.56	20.95	25.85	31.56	33.19	37.77
175.0	0.58	20.96	24.21	30.26	33.14	37.59
225.0	0.59	20.97	22.63	28.27	32.33	36.90
275.0	0.60	20.97	21.22	28.56	31.06	35.94
325.0	0.60	20.96	20.00	26.43	29.53	34.56
375.0	0.61	20.93	18.83	26.86	27.84	32.97
425.0	0.61	20.89	17.87	25.51	26.51	31.85
475.0	0.61	20.84	16.95	25.70	25.28	30.98
525.0	0.62	20.80	16.20	25.01	24.43	30.47
575.0	0.63	20.73	15.62	25.12	23.70	30.16
625.0	0.64	20.67	15.06	24.97	23.19	30.10
675.0	0.65	20.60	14.53	25.10	22.91	30.26
725.0	0.67	20.54	14.16	25.38	22.73	30.69
775.0	0.67	20.47	13.87	24.95	22.74	31.31
825.0	0.70	20.41	13.66	25.42	22.97	32.31
850.0	0.69	20.36	13.58	25.02	23.14	32.96
860.0	0.69	20.35	13.57	24.79	23.23	33.28
870.0	0.69	20.34	13.52	24.60	23.31	33.62
880.0	0.70	20.33	13.51	24.52	23.40	33.98
900.0	0.74	20.35	13.46	24.72	23.67	34.88
1000.0	0.78	20.24	13.31	23.46	25.36	42.49
1100.0	0.82	20.15	13.22	22.29	28.32	42.89
1200.0	0.86	20.12	12.94	21.08	33.62	32.74
1300.0	0.93	20.10	12.28	20.14	35.34	27.75
1400.0	1.00	20.13	11.32	19.51	28.79	24.39
1500.0	1.06	20.20	10.25	18.69	24.44	21.99