

Directional Coupler

SYDC-ED14339/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)		
				IN	OUT	CPL
1.0	0.59	10.35	29.82	22.40	22.77	19.82
3.0	0.61	10.38	36.67	24.86	27.40	21.80
5.0	0.59	10.36	37.87	25.63	27.58	22.50
7.0	0.58	10.36	37.89	26.08	27.53	22.88
9.0	0.57	10.36	37.90	26.42	27.39	23.14
10.0	0.57	10.36	37.66	26.50	27.30	23.24
20.0	0.56	10.36	35.82	27.09	27.04	23.76
30.0	0.57	10.37	33.90	27.46	26.78	24.03
40.0	0.57	10.37	32.10	27.68	26.68	24.20
50.0	0.58	10.38	30.49	27.81	26.55	24.36
53.0	0.58	10.38	30.06	27.88	26.50	24.40
60.0	0.59	10.39	29.07	27.98	26.43	24.51
70.0	0.60	10.39	27.81	28.18	26.27	24.66
80.0	0.61	10.39	26.74	28.36	26.10	24.81
90.0	0.62	10.40	25.83	28.51	25.91	24.97
100.0	0.63	10.39	25.07	28.64	25.77	25.13
125.0	0.65	10.40	23.11	28.90	25.44	25.58
150.0	0.68	10.39	21.74	29.25	24.96	26.07
175.0	0.71	10.38	20.28	28.81	24.65	26.53
200.0	0.75	10.37	19.00	28.26	24.26	26.99
225.0	0.79	10.35	17.91	27.75	23.78	27.56
250.0	0.83	10.32	16.89	26.75	23.28	28.37
275.0	0.88	10.29	15.94	25.59	22.68	29.42
300.0	0.94	10.26	15.02	24.27	21.93	30.49
325.0	1.00	10.23	14.17	22.94	21.19	31.54
350.0	1.07	10.19	13.36	21.60	20.40	32.95
375.0	1.14	10.15	12.57	20.27	19.52	35.24
400.0	1.23	10.10	11.82	18.96	18.59	38.73
425.0	1.33	10.06	11.09	17.69	17.65	43.02
450.0	1.45	10.02	10.38	16.48	16.67	46.61
475.0	1.58	9.98	9.69	15.28	15.67	47.66
500.0	1.74	9.94	9.02	14.12	14.66	44.10