

Directional Coupler

SYDC-ED14337/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
50.0	0.80	22.62	27.40	24.30	25.12	23.46
70.0	0.79	22.70	28.36	25.52	26.64	23.86
90.0	0.80	22.78	28.62	26.34	27.78	24.17
100.0	0.80	22.81	28.56	26.61	28.23	24.31
300.0	0.88	23.56	23.36	27.95	31.68	26.11
500.0	0.97	24.24	19.80	28.11	32.63	27.37
800.0	1.08	24.77	18.16	29.34	34.62	27.80
1000.0	1.13	24.81	17.99	30.17	35.41	27.25
1250.0	1.20	24.74	18.41	31.24	34.36	26.34
1500.0	1.26	24.56	19.35	31.96	32.58	25.85
1750.0	1.30	24.41	20.16	32.19	31.29	26.11
2000.0	1.36	24.36	20.63	32.54	29.89	27.98
2200.0	1.41	24.37	20.54	32.06	28.03	31.05
2500.0	1.53	24.59	20.20	28.93	25.13	35.46
2600.0	1.55	24.71	19.19	28.71	23.99	33.51
2700.0	1.57	24.67	18.06	26.74	23.15	30.81
2800.0	1.61	24.72	17.48	25.13	22.16	27.74
2900.0	1.65	24.77	16.92	23.73	21.41	25.43
3000.0	1.69	24.87	15.98	22.96	20.63	23.52
3100.0	1.73	24.96	14.88	22.16	20.05	21.96
3200.0	1.79	25.05	14.27	21.06	19.52	20.64
3300.0	1.84	25.11	13.63	20.65	19.18	19.51
3400.0	1.89	25.17	12.92	20.00	18.77	18.62
3500.0	1.95	25.30	11.91	19.31	18.50	17.84
3600.0	2.00	25.41	11.21	18.94	18.19	17.16
3700.0	2.06	25.51	10.48	18.50	18.22	16.60
3800.0	2.13	25.63	9.87	17.78	18.07	16.11
3900.0	2.18	25.75	9.09	17.46	18.24	15.75
4000.0	2.25	25.90	8.43	17.03	18.33	15.43

