

Directional Coupler

SYD-20-33+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)	(dB)	(dB)
				IN	OUT	CPL
30.0	0.90	20.67	17.67	22.43	22.47	27.83
50.0	0.90	20.76	18.16	24.36	24.50	29.55
70.0	0.90	20.83	18.34	25.47	25.73	30.16
90.0	0.91	20.88	18.42	26.28	26.65	30.43
100.0	0.91	20.91	18.44	26.66	27.04	30.51
200.0	0.96	21.13	18.35	28.16	28.95	29.46
300.0	0.99	21.31	18.13	28.54	29.57	28.33
400.0	1.02	21.47	18.02	29.19	30.51	27.50
500.0	1.04	21.58	17.88	30.03	31.78	26.69
600.0	1.08	21.58	17.26	30.76	33.00	26.06
700.0	1.09	21.68	17.60	31.03	33.97	25.34
800.0	1.11	21.70	17.81	31.11	34.45	24.69
900.0	1.14	21.68	17.93	30.59	34.13	24.09
1000.0	1.16	21.66	18.18	29.83	33.18	23.65
1100.0	1.18	21.61	18.61	28.89	32.28	23.13
1200.0	1.20	21.56	19.27	28.07	31.67	22.73
1300.0	1.22	21.50	20.22	27.33	31.34	22.43
1400.0	1.25	21.45	21.56	26.80	31.14	22.13
1500.0	1.28	21.39	23.52	26.42	31.22	22.06
1600.0	1.31	21.34	25.45	26.12	31.27	22.08
1700.0	1.33	21.30	28.32	25.73	31.37	22.07
1800.0	1.37	21.25	32.55	25.20	31.11	22.09
1900.0	1.40	21.20	37.69	24.52	30.35	22.01
2000.0	1.44	21.15	34.38	23.57	29.10	21.71
2100.0	1.47	21.08	29.30	22.39	27.39	21.14
2200.0	1.50	21.03	25.99	21.10	25.37	20.28
2300.0	1.53	21.02	23.71	19.74	23.26	19.17
2400.0	1.57	21.00	21.64	18.42	21.20	17.93
2500.0	1.62	21.04	19.90	17.06	19.41	16.70
2600.0	1.67	21.11	18.34	15.83	17.79	15.50
2700.0	1.74	21.25	17.00	14.71	16.41	14.45
2800.0	1.81	21.45	15.82	13.71	15.16	13.57
2900.0	1.89	21.71	14.88	12.82	14.13	12.85
3000.0	1.97	22.06	14.14	12.06	13.23	12.37

