

Directional Coupler

SYD-ED11713/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
30.0	0.83	20.63	16.70	23.40	25.11	29.41
50.0	0.83	20.71	16.93	25.25	27.37	31.09
70.0	0.85	20.78	17.01	26.54	28.85	31.82
100.0	0.88	20.85	17.00	27.72	30.06	32.18
150.0	0.91	20.95	17.05	29.03	31.21	32.26
200.0	0.93	21.03	16.97	29.61	31.61	31.79
300.0	0.97	21.15	16.91	30.29	31.57	31.09
350.0	0.98	21.21	16.90	30.16	31.58	30.45
400.0	0.99	21.26	16.87	30.62	31.58	30.04
450.0	1.00	21.31	16.87	30.49	31.59	29.80
500.0	1.02	21.34	16.88	30.29	31.52	29.22
600.0	1.04	21.36	16.72	30.45	31.30	28.29
700.0	1.06	21.36	16.81	30.38	30.27	27.51
750.0	1.07	21.37	16.99	30.71	30.17	26.89
800.0	1.08	21.36	17.16	30.58	29.93	26.44
850.0	1.09	21.34	17.25	30.95	29.55	26.02
900.0	1.10	21.31	17.44	30.93	29.46	25.47
950.0	1.11	21.28	17.64	31.04	29.22	24.93
1000.0	1.12	21.25	17.85	31.49	28.92	24.56
1100.0	1.14	21.18	18.45	31.75	28.65	23.66
1200.0	1.16	21.10	19.04	32.15	28.26	22.98
1300.0	1.18	21.01	19.84	31.86	28.21	22.41
1400.0	1.20	20.91	20.71	31.69	27.88	21.91
1500.0	1.22	20.82	21.79	30.95	28.01	21.64
1600.0	1.24	20.73	22.95	30.15	27.51	21.78
1700.0	1.27	20.63	24.32	28.11	27.21	21.93
1750.0	1.28	20.58	24.81	27.63	27.03	22.15
1800.0	1.29	20.53	25.50	26.86	26.66	22.53
1850.0	1.31	20.48	25.86	25.93	26.48	22.89
1900.0	1.32	20.44	26.09	25.11	25.86	23.31
2000.0	1.35	20.34	25.63	23.75	25.02	24.76
2100.0	1.39	20.25	24.49	22.08	23.99	26.34
2200.0	1.43	20.16	23.06	20.48	22.70	28.54
2300.0	1.47	20.07	21.57	19.00	21.30	28.25
2400.0	1.52	19.98	20.10	17.79	20.02	25.83
2500.0	1.58	19.91	18.72	16.65	18.78	22.85
2600.0	1.63	19.84	17.52	15.51	17.60	20.15
2700.0	1.70	19.81	16.43	14.54	16.49	18.01
2800.0	1.77	19.83	15.48	13.63	15.56	16.24
2900.0	1.85	19.93	14.54	12.85	14.72	14.92
3000.0	1.93	20.15	13.78	12.11	13.84	13.96