

Directional Coupler

SYDC-6-13HP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
50.0	1.93	5.67	14.35	15.98	11.06	13.48
70.0	1.84	5.73	17.04	18.37	13.24	15.49
90.0	1.87	5.77	18.96	19.69	14.96	16.62
100.0	1.90	5.78	19.60	19.99	15.65	16.90
105.0	1.92	5.79	19.79	20.08	15.96	16.98
110.0	1.93	5.80	19.92	20.16	16.24	17.04
112.0	1.94	5.80	19.96	20.17	16.34	17.06
114.0	1.94	5.80	19.99	20.19	16.44	17.07
116.0	1.95	5.80	19.99	20.20	16.54	17.08
118.0	1.95	5.81	20.00	20.22	16.63	17.09
120.0	1.96	5.81	20.01	20.24	16.72	17.10
150.0	2.03	5.85	20.13	20.27	17.89	17.04
175.0	2.05	5.86	19.73	20.39	18.18	17.10
200.0	2.07	5.88	19.59	20.47	18.39	17.17
250.0	2.10	5.88	19.37	20.56	18.47	17.36
300.0	2.13	5.89	19.15	20.66	18.32	17.52
350.0	2.16	5.88	18.79	20.71	18.04	17.67
400.0	2.19	5.87	18.41	20.67	17.73	17.78
450.0	2.24	5.85	17.97	20.58	17.35	17.86
500.0	2.28	5.82	17.53	20.38	16.95	17.92
510.0	2.29	5.82	17.44	20.34	16.86	17.94
512.0	2.30	5.82	17.43	20.33	16.85	17.94
514.0	2.30	5.82	17.41	20.32	16.83	17.94
516.0	2.30	5.81	17.39	20.31	16.82	17.94
518.0	2.30	5.81	17.37	20.30	16.80	17.95
520.0	2.30	5.81	17.35	20.30	16.78	17.95
550.0	2.34	5.80	17.07	20.16	16.53	18.01
600.0	2.40	5.77	16.52	19.86	16.09	18.11
750.0	2.63	5.67	14.94	18.62	14.78	18.49
900.0	2.92	5.57	13.29	17.00	13.46	18.98
920.0	2.97	5.56	13.07	16.77	13.29	19.04
940.0	3.01	5.55	12.86	16.53	13.12	19.09
960.0	3.07	5.54	12.64	16.29	12.94	19.15
980.0	3.12	5.53	12.42	16.04	12.75	19.20
1000.0	3.17	5.52	12.21	15.81	12.56	19.22

