

Directional Coupler

SYDC20-171VHP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
20.0	0.27	20.53	22.23	23.67	23.90	24.59
25.0	0.25	20.55	22.61	25.17	25.52	26.64
30.0	0.24	20.57	22.60	26.52	26.99	28.53
35.0	0.23	20.59	22.34	27.59	28.39	30.36
40.0	0.23	20.60	22.01	28.55	29.54	32.23
45.0	0.22	20.62	21.68	29.55	30.80	34.22
50.0	0.21	20.63	21.32	30.47	31.88	36.38
55.0	0.21	20.64	20.87	31.39	33.18	38.76
60.0	0.21	20.66	20.49	32.36	34.30	41.29
65.0	0.20	20.67	20.08	33.36	35.72	43.16
70.0	0.20	20.68	19.66	34.22	37.26	43.12
75.0	0.19	20.69	19.25	35.16	38.64	41.33
80.0	0.19	20.70	18.84	35.93	40.59	39.23
85.0	0.19	20.71	18.48	36.68	42.26	37.34
90.0	0.19	20.72	18.10	37.17	44.52	35.74
95.0	0.19	20.72	17.75	37.55	45.93	34.37
100.0	0.18	20.73	17.39	37.79	46.50	33.19
110.0	0.18	20.74	16.73	37.73	43.97	31.22
120.0	0.18	20.75	16.07	37.22	40.53	29.63
130.0	0.19	20.75	15.44	35.97	37.71	28.30
140.0	0.18	20.76	14.82	34.28	35.13	27.15
150.0	0.18	20.76	14.22	32.78	33.13	26.14
155.0	0.18	20.76	13.95	32.23	32.53	25.68
160.0	0.18	20.76	13.70	31.72	31.90	25.24
165.0	0.19	20.76	13.44	31.32	31.38	24.83
170.0	0.19	20.76	13.20	30.88	30.96	24.43
174.0	0.19	20.75	13.01	30.56	30.60	24.13
180.0	0.19	20.75	12.73	30.02	30.10	23.70
190.0	0.19	20.74	12.25	29.03	29.15	23.02
200.0	0.19	20.74	11.79	28.01	28.28	22.39