

Directional Coupler

SYDC-20-61VHP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
0.5	0.07	20.88	35.29	33.91	34.95	36.29
0.6	0.07	20.88	36.85	35.70	36.73	37.55
0.7	0.07	20.88	37.98	37.17	38.06	38.62
0.8	0.07	20.88	38.87	38.59	39.25	39.42
0.9	0.07	20.88	39.32	39.59	40.02	40.08
1.0	0.07	20.88	40.07	40.38	40.79	40.63
1.1	0.07	20.88	40.74	41.12	41.68	41.09
1.2	0.07	20.89	40.95	41.62	42.08	41.25
1.3	0.07	20.89	41.74	42.09	42.70	41.51
1.4	0.07	20.89	42.11	42.59	43.18	41.56
1.5	0.07	20.89	42.10	42.83	43.50	41.69
1.6	0.07	20.89	42.54	42.95	43.61	41.70
1.7	0.07	20.89	41.92	43.20	43.81	41.71
1.8	0.07	20.89	42.18	43.65	43.92	41.70
1.9	0.07	20.90	42.40	44.02	44.15	41.72
2.0	0.07	20.90	42.35	44.35	44.45	41.71
3.0	0.08	20.90	42.83	45.49	45.04	41.32
4.0	0.08	20.91	42.43	45.76	44.90	40.48
5.0	0.08	20.91	42.22	46.17	44.92	39.52
6.0	0.08	20.91	41.54	46.58	44.64	38.43
8.0	0.08	20.92	40.27	46.50	44.05	36.38
10.0	0.08	20.92	39.08	46.52	43.05	34.60
15.0	0.09	20.93	36.11	46.08	41.44	31.15
20.0	0.10	20.94	33.83	45.20	40.30	28.62
25.0	0.10	20.96	31.84	44.47	39.27	26.63
30.0	0.11	20.97	30.15	43.81	38.21	25.00
35.0	0.11	20.98	28.56	43.34	37.19	23.62
40.0	0.12	21.00	27.09	42.58	36.30	22.41
50.0	0.13	21.04	24.42	41.47	34.44	20.38
60.0	0.14	21.09	22.14	39.72	32.72	18.69
70.0	0.15	21.14	19.98	37.67	31.08	17.23
80.0	0.16	21.20	17.96	35.50	29.59	15.94