

# Directional Coupler

# SYDC-25-92VHP+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
100	0.21	25.80	17.50	15.35	15.32	15.94
120	0.18	25.82	18.39	16.74	16.82	17.87
136	0.16	25.82	18.83	17.82	17.91	19.22
150	0.15	25.81	19.06	18.84	18.84	20.20
175	0.14	25.79	19.64	20.07	20.09	21.64
200	0.14	25.77	20.00	21.11	21.16	23.36
250	0.14	25.70	20.25	22.65	22.97	27.59
300	0.14	25.61	20.30	24.37	24.48	30.48
350	0.15	25.51	20.27	25.10	25.71	37.69
400	0.15	25.39	20.24	26.19	26.47	36.26
450	0.16	25.25	20.19	26.73	27.47	32.13
500	0.17	25.11	20.38	27.14	27.43	30.09
550	0.18	24.93	20.21	27.73	28.51	26.25
600	0.19	24.77	20.75	27.81	27.72	25.43
650	0.20	24.58	20.64	27.49	28.10	22.78
700	0.21	24.38	21.33	27.88	27.34	22.27
750	0.22	24.16	21.22	26.72	26.76	20.34
800	0.23	23.92	20.92	26.98	26.32	19.87
850	0.24	23.63	19.69	25.91	25.19	18.48
870	0.25	23.50	19.00	25.36	25.07	18.05
900	0.26	23.31	17.96	25.29	24.76	17.97
950	0.27	22.92	15.90	24.97	23.81	16.99
1000	0.30	22.42	13.73	23.60	23.15	16.44