

# PHASE SHIFTER

# SCPHS-51+

## Typical Performance Data

CONTROL VOLTAGE (V)	PHASE SHIFT* (Deg.)			VSWR (:1)			INSERTION LOSS (dB)		
	25 MHz	36 MHz	48 MHz	25 MHz	36 MHz	48 MHz	25 MHz	36 MHz	48 MHz
0	0.00	0.00	0.00	1.05	1.31	1.98	1.30	1.24	1.82
1	30.63	8.93	3.27	1.01	1.37	1.97	1.41	1.33	1.84
2	61.71	17.67	6.36	1.01	1.43	1.96	1.50	1.42	1.86
3	96.98	27.52	9.71	1.12	1.47	1.95	1.59	1.52	1.88
4	139.22	39.87	13.73	1.43	1.52	1.94	1.80	1.63	1.90
5	189.01	57.10	19.07	1.97	1.53	1.92	2.24	1.77	1.93
6	242.80	83.57	26.73	2.31	1.47	1.88	2.43	1.92	1.97
7	297.41	126.54	38.22	1.79	1.25	1.81	1.77	2.09	2.03
8	347.41	191.95	55.35	1.11	1.11	1.69	1.18	2.35	2.13
9	384.48	272.98	80.40	1.49	1.11	1.52	1.23	2.37	2.31
10	409.11	350.06	116.80	1.89	1.34	1.33	1.44	2.21	2.66
11	425.41	406.15	167.54	2.14	1.47	1.19	1.58	1.95	3.23
12	436.27	443.24	230.39	2.28	1.33	1.12	1.66	1.60	3.82
13	443.66	467.67	295.74	2.35	1.18	1.25	1.69	1.37	4.07
14	448.92	484.24	352.40	2.39	1.09	1.51	1.70	1.23	4.07
15	452.83	496.02	395.47	2.42	1.09	1.81	1.71	1.16	4.03

\*Normalized at control voltage = 0V