

# PHASE SHIFTER

# SCPHS-180+

## Typical Performance Data

CONTROL VOLTAGE (V)	PHASE SHIFT*			VSWR			INSERTION LOSS		
	(Deg.)			(:1)			(dB)		
	90 MHz	135 MHz	180 MHz	90 MHz	135 MHz	180 MHz	90 MHz	135 MHz	180 MHz
0	0.00	0.00	0.00	1.41	1.79	2.11	1.93	2.09	2.91
1	37.50	12.41	4.89	1.87	1.71	2.18	2.38	2.10	3.01
2	94.76	32.84	12.26	2.12	1.56	2.29	2.79	2.09	3.16
3	195.76	80.28	27.10	1.46	1.16	2.48	2.51	2.11	3.47
4	326.11	212.07	68.99	1.24	1.17	2.62	1.82	2.57	4.07
5	395.90	374.31	182.81	1.56	1.64	1.15	2.17	2.46	3.60
6	419.04	442.14	325.70	1.85	1.30	1.04	1.99	1.85	3.19
7	428.93	467.80	407.67	2.01	1.16	2.01	2.01	1.68	3.24
8	434.06	480.58	444.42	2.09	1.11	2.17	2.06	1.61	3.05
9	437.19	488.17	464.75	2.15	1.08	2.08	2.10	1.58	2.83
10	439.25	493.08	477.35	2.18	1.07	1.97	2.12	1.56	2.66

\*Normalized at control voltage = 0V