

PHASE SHIFTER

SPHSA-152+

Typical Performance Data

CONTROL VOLTAGE (V)	PHASE SHIFT* (Deg.)			VSWR (:1)			INSERTION LOSS (dB)		
	800 MHz	1150 MHz	1500 MHz	800 MHz	1150 MHz	1500 MHz	800 MHz	1150 MHz	1500 MHz
0.0	0.01	0.00	0.01	1.22	1.20	1.16	3.07	2.19	2.17
1.0	43.39	20.01	10.59	1.25	1.16	1.13	3.41	2.33	2.21
2.0	91.98	43.59	22.68	1.15	1.10	1.09	3.58	2.50	2.26
3.0	146.94	73.94	38.05	1.27	1.03	1.08	3.69	2.72	2.35
4.0	201.09	112.39	57.90	1.69	1.06	1.13	3.85	2.99	2.49
5.0	247.66	158.14	83.54	1.91	1.15	1.24	3.72	3.22	2.73
6.0	286.91	209.47	117.36	1.78	1.17	1.40	3.23	3.27	3.09
7.0	320.04	262.81	161.73	1.47	1.11	1.54	2.65	3.10	3.56
8.0	345.88	310.38	213.44	1.22	1.07	1.50	2.25	2.87	3.86
9.0	363.68	345.50	261.60	1.11	1.14	1.31	2.04	2.68	3.79
10.0	375.33	369.18	299.37	1.14	1.19	1.15	1.94	2.54	3.58
11.0	383.21	385.33	327.30	1.19	1.22	1.07	1.89	2.45	3.41
12.0	388.83	396.88	348.09	1.24	1.24	1.09	1.86	2.38	3.29
13.0	393.06	405.57	364.07	1.28	1.25	1.13	1.84	2.32	3.21
14.0	396.39	412.37	376.66	1.31	1.25	1.17	1.83	2.28	3.15
15.0	399.09	417.88	386.92	1.33	1.26	1.20	1.82	2.24	3.11

*Normalized at control voltage = 0V