

# PHASE SHIFTER

# JSPHS-42+

## Typical Performance Data

CONTROL VOLTAGE (V)	PHASE SHIFT*			VSWR			INSERTION LOSS		
	(Deg.)			(:1)			(dB)		
	300 MHz	350 MHz	400 MHz	300 MHz	350 MHz	400 MHz	300 MHz	350 MHz	400 MHz
0.0	0.01	0.02	0.02	1.30	1.09	1.38	1.14	0.94	1.02
1.0	22.50	13.98	8.78	1.37	1.07	1.34	1.31	1.01	1.03
2.0	46.51	29.67	18.50	1.44	1.08	1.30	1.47	1.10	1.05
3.0	72.10	48.35	30.23	1.49	1.13	1.24	1.57	1.21	1.08
4.0	98.30	70.96	45.18	1.50	1.18	1.18	1.57	1.34	1.13
5.0	123.35	97.49	64.79	1.46	1.22	1.12	1.46	1.43	1.21
6.0	145.56	126.14	90.15	1.40	1.22	1.08	1.31	1.43	1.32
7.0	163.78	153.25	120.11	1.34	1.17	1.08	1.16	1.34	1.41
8.0	177.71	175.50	150.07	1.30	1.12	1.07	1.04	1.22	1.41
9.0	187.93	191.88	174.89	1.26	1.08	1.08	0.96	1.12	1.35
10.0	195.19	203.50	193.48	1.24	1.07	1.12	0.91	1.05	1.29
11.0	200.36	211.60	206.55	1.22	1.07	1.17	0.88	1.00	1.24
12.0	204.05	217.31	215.68	1.21	1.08	1.21	0.85	0.97	1.20

\* Normalized at control voltage = 0V