

Xtra Long Life SPDT Switch

MSP2TA-18XL+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ON (dB)		ISOLATION OFF (dB)		VSWR (IN) (:1)		VSWR (J2) (:1)		VSWR (J1) (:1)	
	IN-J1	IN-J2	IN-J1	IN-J2	DE-ENERGIZED	ENERGIZED	DE-ENERGIZED	ENERGIZED	DE-ENERGIZED	ENERGIZED
10.0	0.00	0.00	86.92	90.23	1.00	1.00	1.00	1.00	1.00	1.01
50.0	0.01	0.01	98.46	106.75	1.00	1.00	1.00	1.00	1.00	1.01
100.0	0.01	0.01	101.44	104.72	1.00	1.01	1.00	1.00	1.00	1.01
500.0	0.03	0.03	97.69	95.09	1.01	1.01	1.01	1.01	1.01	1.01
750.0	0.04	0.04	97.85	104.45	1.01	1.01	1.01	1.01	1.01	1.02
1000.0	0.04	0.04	102.68	97.93	1.01	1.01	1.01	1.01	1.01	1.02
1500.0	0.05	0.05	95.49	99.63	1.01	1.02	1.01	1.01	1.02	1.04
2000.0	0.06	0.06	100.29	89.71	1.02	1.03	1.02	1.02	1.03	1.05
2500.0	0.07	0.07	112.79	91.64	1.04	1.04	1.04	1.04	1.04	1.07
3000.0	0.08	0.07	99.44	94.36	1.06	1.06	1.06	1.06	1.06	1.08
3500.0	0.08	0.08	102.43	115.93	1.08	1.07	1.08	1.08	1.07	1.10
4000.0	0.09	0.08	93.35	96.55	1.09	1.09	1.09	1.10	1.09	1.11
4500.0	0.10	0.09	95.08	98.69	1.10	1.11	1.10	1.11	1.11	1.12
5000.0	0.11	0.10	92.98	90.42	1.12	1.13	1.12	1.12	1.12	1.13
5500.0	0.12	0.12	101.53	94.30	1.15	1.15	1.15	1.14	1.15	1.14
6000.0	0.13	0.11	98.44	94.76	1.16	1.18	1.18	1.18	1.18	1.14
6500.0	0.15	0.13	91.76	99.78	1.18	1.20	1.19	1.20	1.21	1.13
7000.0	0.15	0.14	104.93	92.46	1.18	1.21	1.19	1.20	1.21	1.12
7500.0	0.15	0.12	90.86	88.25	1.16	1.20	1.17	1.18	1.20	1.11
8000.0	0.14	0.14	105.64	91.48	1.14	1.17	1.15	1.14	1.17	1.09
8500.0	0.14	0.13	101.28	92.80	1.11	1.13	1.12	1.11	1.13	1.08
9000.0	0.14	0.13	100.36	91.51	1.09	1.09	1.10	1.08	1.09	1.06
9500.0	0.14	0.13	88.90	85.21	1.07	1.06	1.07	1.05	1.06	1.06
10000.0	0.14	0.13	92.35	89.45	1.04	1.04	1.05	1.04	1.04	1.06
10500.0	0.15	0.13	85.50	103.82	1.03	1.02	1.04	1.04	1.03	1.06
11000.0	0.16	0.14	91.02	91.97	1.04	1.04	1.05	1.06	1.04	1.07
11500.0	0.16	0.15	85.91	83.52	1.07	1.05	1.08	1.07	1.05	1.09
12000.0	0.17	0.16	98.57	78.50	1.10	1.08	1.10	1.09	1.08	1.12
12500.0	0.19	0.18	83.88	86.26	1.15	1.12	1.15	1.12	1.12	1.15
13000.0	0.20	0.19	82.82	89.80	1.19	1.17	1.17	1.17	1.18	1.20
13500.0	0.22	0.21	84.33	85.23	1.23	1.22	1.23	1.21	1.22	1.25
14000.0	0.25	0.22	84.16	89.36	1.27	1.26	1.27	1.26	1.27	1.30
14500.0	0.28	0.24	80.50	91.55	1.31	1.30	1.31	1.29	1.32	1.34
15000.0	0.30	0.25	84.72	83.73	1.32	1.32	1.31	1.29	1.32	1.37
15500.0	0.31	0.25	79.28	78.90	1.33	1.34	1.33	1.29	1.33	1.39
16000.0	0.32	0.25	80.73	79.61	1.31	1.32	1.32	1.28	1.31	1.37
16500.0	0.32	0.26	79.17	80.78	1.31	1.27	1.31	1.27	1.28	1.36
17000.0	0.30	0.25	77.82	81.23	1.30	1.23	1.27	1.21	1.21	1.33
17500.0	0.30	0.24	75.87	81.12	1.28	1.19	1.24	1.18	1.16	1.30
18000.0	0.31	0.26	76.06	78.10	1.27	1.17	1.26	1.19	1.15	1.29

