

Xtra Long Life SPDT Switch

MSP2T-18-12+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ON (dB)		ISOLATION OFF (dB)		VSWR (IN) (:1)		VSWR (J1, J2) (:1)	
	IN-J1	IN-J2	IN-J1	IN-J2	DE-ENERGIZED	ENERGIZED	J1 (DE-ENERGIZED)	J2 (ENERGIZED)
10.0	0.00	0.01	85.77	94.22	1.00	1.01	1.01	1.00
50.0	0.01	0.01	80.19	81.56	1.00	1.00	1.00	1.00
100.0	0.01	0.01	102.87	105.34	1.00	1.00	1.00	1.00
200.0	0.02	0.02	103.54	104.47	1.00	1.00	1.00	1.00
300.0	0.02	0.02	103.80	98.70	1.00	1.00	1.01	1.01
400.0	0.02	0.02	106.10	109.43	1.00	1.01	1.01	1.01
500.0	0.03	0.03	104.89	104.11	1.01	1.01	1.01	1.01
600.0	0.03	0.03	113.07	119.59	1.01	1.01	1.01	1.01
700.0	0.03	0.03	109.24	111.44	1.01	1.01	1.01	1.01
800.0	0.03	0.04	107.06	110.58	1.01	1.01	1.01	1.01
900.0	0.04	0.04	106.40	116.55	1.01	1.01	1.01	1.01
1000.0	0.04	0.04	115.37	105.64	1.01	1.01	1.01	1.01
1500.0	0.05	0.05	104.09	105.11	1.01	1.01	1.01	1.01
2000.0	0.06	0.06	115.69	98.42	1.02	1.02	1.02	1.02
2500.0	0.06	0.07	107.56	111.22	1.03	1.03	1.04	1.04
3000.0	0.07	0.07	107.32	105.01	1.06	1.06	1.06	1.06
3500.0	0.08	0.08	111.45	107.63	1.09	1.09	1.09	1.09
4000.0	0.09	0.10	103.20	113.10	1.12	1.12	1.12	1.12
4500.0	0.10	0.11	112.45	102.66	1.15	1.15	1.15	1.15
5000.0	0.12	0.12	104.85	109.83	1.18	1.18	1.18	1.18
5500.0	0.13	0.13	102.58	112.03	1.20	1.20	1.20	1.19
6000.0	0.13	0.14	102.48	103.47	1.20	1.21	1.21	1.20
6500.0	0.14	0.14	102.68	104.06	1.20	1.21	1.20	1.20
7000.0	0.14	0.14	112.75	105.01	1.18	1.19	1.19	1.18
7500.0	0.14	0.14	99.92	100.16	1.16	1.17	1.17	1.16
8000.0	0.14	0.14	98.41	96.58	1.14	1.15	1.15	1.14
8500.0	0.14	0.14	103.94	100.63	1.12	1.13	1.13	1.12
9000.0	0.13	0.14	96.65	96.81	1.10	1.11	1.11	1.10
9500.0	0.13	0.14	95.98	98.71	1.08	1.09	1.09	1.08
10000.0	0.14	0.14	96.31	96.57	1.08	1.08	1.09	1.08
10500.0	0.14	0.15	96.65	92.30	1.08	1.08	1.09	1.08
11000.0	0.15	0.16	92.76	93.91	1.09	1.10	1.10	1.10
11500.0	0.16	0.16	93.10	89.62	1.11	1.12	1.12	1.12
12000.0	0.17	0.18	88.40	90.44	1.14	1.14	1.14	1.14
12500.0	0.17	0.19	88.47	89.82	1.16	1.16	1.16	1.16
13000.0	0.18	0.20	87.03	89.57	1.17	1.18	1.18	1.17
13500.0	0.20	0.20	86.41	87.69	1.18	1.19	1.19	1.18
14000.0	0.20	0.21	84.38	85.14	1.18	1.19	1.19	1.18
14500.0	0.20	0.22	84.54	86.06	1.17	1.19	1.19	1.17
15000.0	0.20	0.22	82.56	83.98	1.16	1.18	1.18	1.16
15500.0	0.21	0.22	81.69	83.51	1.15	1.17	1.17	1.15
16000.0	0.21	0.23	81.52	83.15	1.13	1.16	1.17	1.14
16500.0	0.22	0.23	79.64	81.85	1.13	1.16	1.16	1.14
17000.0	0.22	0.24	78.85	80.32	1.13	1.16	1.16	1.15
17500.0	0.23	0.26	76.93	78.63	1.15	1.17	1.17	1.16
18000.0	0.24	0.28	75.92	77.77	1.19	1.18	1.19	1.19

