

# Xtra Long Life SPDT Switch

# MSP2T-18XL+

## 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	0.00	92.40	95.82	1.00	1.00	1.00	1.00
50.0	0.01	0.01	100.09	92.94	1.00	1.00	1.00	1.00
100.0	0.01	0.01	92.57	102.75	1.00	1.01	1.01	1.00
500.0	0.03	0.03	94.35	95.33	1.01	1.01	1.01	1.01
750.0	0.04	0.03	90.77	98.77	1.01	1.01	1.01	1.01
1000.0	0.04	0.04	98.17	101.65	1.01	1.02	1.01	1.01
1500.0	0.05	0.05	100.02	98.26	1.02	1.03	1.03	1.01
2000.0	0.06	0.06	103.54	95.79	1.03	1.04	1.04	1.02
2500.0	0.07	0.07	104.77	97.59	1.04	1.05	1.05	1.04
3000.0	0.08	0.07	97.19	97.25	1.05	1.07	1.07	1.06
3500.0	0.09	0.08	98.28	93.15	1.07	1.08	1.08	1.07
4000.0	0.09	0.08	92.71	94.48	1.08	1.09	1.10	1.08
5000.0	0.11	0.10	85.50	98.00	1.11	1.12	1.11	1.10
5500.0	0.12	0.12	95.60	98.62	1.13	1.13	1.13	1.12
6000.0	0.13	0.11	93.58	94.07	1.14	1.15	1.15	1.14
6500.0	0.14	0.13	89.08	99.41	1.15	1.16	1.16	1.15
7000.0	0.14	0.14	98.28	89.40	1.14	1.15	1.15	1.15
7500.0	0.14	0.13	92.17	97.84	1.14	1.14	1.14	1.15
8000.0	0.14	0.14	106.76	91.02	1.13	1.12	1.12	1.13
8500.0	0.14	0.14	90.79	92.77	1.11	1.10	1.10	1.12
9000.0	0.14	0.14	100.25	89.95	1.10	1.07	1.07	1.10
9500.0	0.14	0.14	92.42	92.12	1.08	1.06	1.05	1.08
10000.0	0.15	0.14	89.20	91.80	1.06	1.04	1.04	1.07
10500.0	0.15	0.14	92.96	91.63	1.05	1.03	1.04	1.07
11000.0	0.16	0.15	84.01	82.51	1.05	1.04	1.05	1.07
11500.0	0.16	0.16	85.37	84.76	1.07	1.05	1.06	1.08
12000.0	0.16	0.17	96.22	88.82	1.07	1.05	1.04	1.08
12500.0	0.18	0.18	87.47	95.59	1.10	1.07	1.05	1.09
13000.0	0.17	0.18	88.01	86.27	1.12	1.08	1.06	1.10
13500.0	0.19	0.19	80.50	91.98	1.13	1.08	1.07	1.13
14000.0	0.20	0.20	83.33	87.28	1.16	1.08	1.08	1.16
14500.0	0.22	0.21	84.65	87.35	1.17	1.08	1.09	1.18
15000.0	0.22	0.21	82.33	81.73	1.17	1.09	1.10	1.17
15500.0	0.22	0.21	88.64	79.48	1.19	1.11	1.12	1.20
16000.0	0.23	0.21	80.17	85.38	1.19	1.10	1.12	1.20
16500.0	0.25	0.24	81.23	79.41	1.21	1.11	1.12	1.22
17000.0	0.24	0.24	79.28	75.47	1.20	1.09	1.09	1.20
17500.0	0.26	0.24	81.59	77.96	1.21	1.11	1.08	1.19
18000.0	0.28	0.27	78.01	79.03	1.20	1.10	1.07	1.21



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IF/RF MICROWAVE COMPONENTS

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MSP2T-18XL+  
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Page 1 of 1