

Xtra Long Life Transfer Switch

MTS-18-12+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ON (dB)		ISOLATION OFF (dB)		VSWR ENERGIZED (:1)		VSWR DE-ENERGIZED (:1)	
	J1-J2	J1-J3	J1-J2	J1-J3	J1	J2	J1	J2
	10.0	0.01	0.01	90.66	94.50	1.00	1.00	1.00
50.0	0.01	0.01	101.14	92.25	1.00	1.00	1.00	1.00
100.0	0.01	0.01	94.93	100.05	1.00	1.00	1.00	1.00
500.0	0.03	0.03	92.59	100.93	1.01	1.01	1.01	1.01
700.0	0.03	0.03	108.21	91.48	1.01	1.01	1.01	1.01
750.0	0.04	0.04	94.79	108.86	1.01	1.01	1.01	1.01
800.0	0.04	0.04	92.52	102.45	1.01	1.01	1.01	1.01
1000.0	0.04	0.04	92.45	100.96	1.01	1.01	1.01	1.01
1500.0	0.05	0.05	98.61	87.38	1.01	1.01	1.01	1.01
2000.0	0.06	0.06	100.79	97.34	1.01	1.02	1.01	1.01
2500.0	0.07	0.06	97.51	104.72	1.03	1.03	1.03	1.02
3000.0	0.07	0.07	93.32	102.92	1.05	1.05	1.04	1.04
3500.0	0.08	0.08	98.46	99.72	1.06	1.07	1.05	1.05
4000.0	0.08	0.08	95.89	93.03	1.07	1.09	1.06	1.06
4500.0	0.09	0.09	92.30	99.42	1.07	1.09	1.07	1.07
5000.0	0.10	0.09	95.75	90.70	1.08	1.10	1.07	1.07
5500.0	0.10	0.11	97.60	93.21	1.09	1.11	1.07	1.08
6000.0	0.11	0.10	100.15	94.32	1.08	1.12	1.08	1.09
6500.0	0.11	0.10	95.17	102.24	1.07	1.11	1.07	1.08
7000.0	0.11	0.11	89.08	99.96	1.04	1.08	1.05	1.05
7500.0	0.12	0.11	99.16	92.07	1.02	1.04	1.02	1.02
8000.0	0.12	0.12	94.59	91.64	1.04	1.02	1.02	1.02
8500.0	0.13	0.13	91.86	95.94	1.08	1.05	1.06	1.07
9000.0	0.14	0.14	102.19	93.50	1.11	1.09	1.10	1.10
9500.0	0.15	0.15	93.12	93.68	1.14	1.12	1.12	1.13
10000.0	0.16	0.16	95.10	95.63	1.16	1.13	1.14	1.14
10500.0	0.16	0.16	95.91	95.23	1.16	1.13	1.13	1.13
11000.0	0.17	0.16	95.14	88.79	1.14	1.12	1.12	1.11
11500.0	0.16	0.16	90.91	84.34	1.11	1.11	1.11	1.10
12000.0	0.16	0.16	87.77	87.85	1.09	1.08	1.09	1.08
12500.0	0.17	0.16	87.81	91.10	1.05	1.07	1.07	1.06
13000.0	0.17	0.15	84.88	99.40	1.04	1.05	1.04	1.04
13500.0	0.20	0.18	92.47	90.30	1.04	1.05	1.03	1.04
14000.0	0.18	0.17	93.24	98.95	1.04	1.04	1.02	1.01
14500.0	0.18	0.17	84.93	92.18	1.06	1.02	1.02	1.02
15000.0	0.17	0.16	94.61	84.44	1.07	1.01	1.03	1.02
15500.0	0.18	0.18	99.94	95.56	1.09	1.02	1.05	1.04
16000.0	0.21	0.20	84.54	82.94	1.08	1.02	1.05	1.06
16500.0	0.19	0.18	88.84	99.24	1.07	1.02	1.07	1.07
17000.0	0.20	0.19	90.32	85.46	1.09	1.01	1.09	1.06
17500.0	0.25	0.21	92.16	91.04	1.14	1.03	1.12	1.09
18000.0	0.25	0.21	81.87	88.03	1.20	1.08	1.16	1.14