

NEW!

OUTDOOR POWER PASSING TAPS - 1.2 GHz

Multicom stocks a complete line of quality outdoor taps with frequency coverage to 1.2 GHz. Available in two, four and eight port models that are capable of both strand and pedestal mounting. These taps are constructed with the circuitry on a removable faceplate for ease in changing tap values. Separate gaskets are used to provide weatherproofing and RFI integrity.

All taps feature nickel-plated brass F connectors on the tap ports, and 5/8" entry fittings on input and output ports. The housings are made with powder-coated 360 aluminum alloy with a polyurethane coating to ensure maximum corrosion resistance.

Features:

- Frequency range 5-1,218 MHz (1.2GHz)
- Power Passing - Uninterrupted service when faceplate is removed
- Nickel-plated brass F connectors
- 120 dB RFI shielding
- Epoxy sealed with weather-proof gaskets
- Swivel-entry blocks for easy installation of connectors
- 15 amp current capacity, 60-90VAC
- Powder-coated 360 aluminum alloy die-cast housing
- Aerial or pedestal mounting
- Printed circuit board
- Blocking capacitors on the F ports for surge resistance

Common Specifications:

Return Loss (dB)	
5-950	18
950-1218	10
Impedance	75 Ohm
Power	60-90 VAC 50/60MHz

2-Port Outdoor Power Passing Tap



Insertion Loss	4	8	11	14	17	20	23	26	29	32	35
5-10	T	3.6	2.0	1.1	1.0	0.7	0.7	0.7	0.7	0.7	0.7
10-65	T	3.6	1.9	1.1	1.0	0.7	0.7	0.7	0.7	0.7	0.7
65-300	T	4.2	2.0	1.3	1.1	0.9	0.9	0.9	0.8	0.8	0.8
300-550	T	4.7	2.7	1.8	1.6	1.3	1.3	1.3	1.2	1.2	1.2
550-750	T	5.0	2.9	2.0	1.7	1.5	1.5	1.4	1.4	1.4	1.4
750-862	T	5.0	3.0	2.2	1.9	1.7	1.7	1.7	1.5	1.5	1.5
862-1000	T	5.1	3.1	2.3	2.0	1.8	1.8	1.8	1.6	1.6	1.6
1000-1218	T	5.2	3.4	2.5	2.2	2.1	1.9	1.9	1.7	1.7	1.7
Isolation Between Tap-Port & Thru-Port	4	8	11	14	17	20	23	26	29	32	35
5-10	T	26	26	27	31	33	35	36	38	40	43
10-65	T	26	27	30	32	33	35	36	38	40	45
65-300	T	25	28	32	35	35	37	37	40	45	48
300-550	T	22	28	30	32	32	35	36	39	42	46
550-750	T	22	28	28	30	32	35	35	38	40	44
750-862	T	22	27	28	30	31	33	34	37	38	42
862-1000	T	22	25	26	28	29	31	33	35	36	38
1000-1218	T	22	24	25	26	27	28	30	31	33	35
Tap-to-Tap Isolation	4	8	11	14	17	20	23	26	29	32	35
5-65		26	26	26	26	26	26	26	26	26	26
65-300		27	27	28	28	28	30	30	30	30	30
300-550		25	25	25	25	25	26	26	26	26	26
550-862		24	24	24	24	24	24	24	24	24	24
862-1218		22	22	22	22	22	22	22	22	22	22

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4-Port Outdoor Power Passing Tap



Insertion Loss (dB)	8	11	14	17	20	23	26	29	32	35
5-10	T	3.6	2.0	1.1	0.9	0.8	0.8	0.7	0.7	0.7
10-65	T	3.6	1.8	1.1	0.9	0.8	0.8	0.7	0.7	0.7
65-300	T	4.0	2.0	1.3	1.0	0.9	0.9	0.9	0.8	0.8
300-550	T	4.7	2.7	1.8	1.5	1.3	1.3	1.3	1.2	1.2
550-750	T	5.0	2.8	2.0	1.8	1.5	1.5	1.5	1.5	1.5
750-862	T	5.0	3.0	2.1	1.8	1.7	1.7	1.7	1.6	1.6
862-1000	T	5.1	3.1	2.2	2.0	1.8	1.8	1.8	1.6	1.6
1000-1218	T	5.3	3.3	2.5	2.1	2.0	2.0	1.9	1.7	1.7
Isolation Between Tap-Port & Thru-Port	8	11	14	17	20	23	26	29	32	35
5-10	T	29	30	32	33	35	38	40	42	44
10-65	T	26	30	32	35	35	38	45	47	49
65-300	T	30	30	32	40	38	40	42	44	46
300-550	T	27	28	30	36	36	38	40	42	44
550-750	T	27	28	30	32	35	36	38	40	42
750-862	T	26	28	30	31	33	35	36	38	40
862-1000	T	25	26	28	29	31	33	34	36	38
1000-1218	T	23	24	24	25	28	31	31	32	35
Tap-to-Tap Isolation	8	11	14	17	20	23	26	29	32	35
5-65	26	26	26	26	26	26	26	26	26	26
65-300	30	30	30	30	30	30	30	30	30	30
300-550	26	26	26	26	26	26	26	26	26	26
550-862	24	24	24	24	24	24	24	24	24	24
862-1218	22	22	22	22	22	22	22	22	22	22

8-Port Outdoor Power Passing Tap



Insertion Loss (dB)	11	14	17	20	23	26	29	32	35	
5-10	T	3.5	2.0	1.1	1.0	0.7	0.7	0.7	0.7	
10-65	T	3.5	1.8	1.1	1.0	0.7	0.7	0.7	0.7	
65-300	T	4.0	2.0	1.3	1.1	0.9	0.9	0.9	0.8	
300-550	T	4.5	2.7	1.8	1.5	1.3	1.3	1.3	1.2	
550-750	T	5.0	2.8	2.0	1.7	1.4	1.4	1.4	1.3	
750-862	T	5.0	3.0	2.2	2.0	1.7	1.6	1.6	1.4	
862-1000	T	5.1	3.4	2.5	2.1	1.8	1.8	1.8	1.7	
1000-1218	T	5.2	3.8	2.7	2.6	2.0	2.0	2.0	2.0	
Isolation Between Tap-Port & Thru-Port	11	14	17	20	23	26	29	32	35	
5-10	T	30	32	33	35	38	40	43	50	
10-65	T	30	32	33	35	38	40	43	50	
65-300	T	32	32	35	38	35	38	40	45	
300-550	T	28	32	35	38	35	38	40	43	
550-750	T	26	32	35	35	35	38	40	41	
750-862	T	26	32	35	35	35	38	40	40	
862-1000	T	26	30	31	31	33	35	40	40	
1000-1218	T	26	27	27	28	32	32	38	39	
Tap-to-Tap Isolation	Same Specifications as 4-Port Tap (above)									

MTSAG-204P-1.2

