

RMS 7000MKTS Outdoor Taps

2-Port, 4 Port & 8 Port Taps



The RMS 1 GHz 2-Port, 4-Port and 8 Port outdoor taps are compatible with the Magnavox/ Phillips outdoor taps. They have a power passing rating of 15 amps (AC/DC) and have a tap switch built into the housing which provides uninterrupted service when the tap plates is removed. These Taps are backwards compatible.

Features:

- > Bandwidth 5MHz to 1GHz
- >RFI Shielding >-110dB
- > Heavy duty power passing choke
- Glass epoxy PCB (FR4-G10) with protective cover
- > 90 degree swivel blocks for easy installation in aerial or pedestal applications
- > Color coded Tap Value Label
- > Stainless steel hardware
- > Strip gauges on housing and heat shrink ridges on 5/8-24 ports
- > Precision Brass Nichel Plated "F" Ports
- > Epoxy sealed "F" Ports
- > Drip Lip on each "F" Port
- > Dual heavy-duty neoprene and wire mesh gaskets for total protection
- > 360 die cast aluminum housing & plate that has been sealed & chromated
- > Interlocking tongue/groove housing and faceplate (excellent RFI isolation)
- >Ports numbers die cast into housing
- >100% Quality control at our factory
- >CE approved

RMS Communications Inc

11516 Downs Road, Pineville, North Carolina. 28134 USA

Phone (704) 588-4008

www.rmscommunications.net Email: sales@rmscommunications.net



72XXMKTS, 74XXMKTS & 78XXMKTS

Universal Taps - Magi Compatible with switch

72XXMKTS 2-Way Tap

Tap Value	----->	Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red
		4dB	8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB
Insertion Loss (Max dB)	5 - 8MHz	Term	3.5	1.9	1.3	1.0	0.8	0.8	0.9	0.7
	8 - 15MHz	Term	3.4	1.7	1.2	0.9	0.7	0.6	0.6	0.6
	15 - 30MHz	Term	3.3	1.9	1.3	1.1	0.9	0.7	0.7	0.7
	30 - 300MHz	Term	3.6	2.1	1.5	1.2	1.0	0.9	0.8	0.8
	300 - 600MHz	Term	4.0	2.3	1.7	1.3	1.1	1.1	1.0	1.0
	600 - 750MHz	Term	4.1	2.7	1.9	1.7	1.3	1.2	1.0	1.0
	750 - 860MHz	Term	4.2	3.2	2.3	1.9	1.7	1.5	1.5	1.2
	860 - 900MHz	Term	4.5	3.4	2.5	2.1	1.9	1.8	1.7	1.4
900 - 1GHz	Term	4.8	3.7	2.7	2.3	2.1	2.0	1.8	1.6	
Return Loss	5 - 10MHz	16	16	16	16	16	16	16	16	16
Input, Output & Tap (Min dB)	10 - 15MHz	17	17	17	17	17	17	17	17	17
	15 - 900MHz	18	18	18	18	18	18	18	18	18
	900 - 1GHz	17	17	17	17	17	17	17	17	17
Isolation Tap to Tap (Min dB)	5 - 50MHz	21	21	21	21	21	21	21	21	21
	50 - 600MHz	23	23	23	23	23	23	23	23	23
	600 - 900MHz	23	23	23	23	23	23	23	23	23
	900 - 1GHz	23	23	23	23	23	23	23	23	23
Isolation Tap to Output (Min dB)	5 - 50MHz	N/A	19	19	20	23	25	26	27	28
	50 - 600MHz	N/A	25	26	26	30	31	33	33	33
	600 - 750MHz	N/A	23	24	25	28	29	32	31	32
	750 - 900MHz	N/A	21	21	21	26	27	29	29	29
	900 - 1GHz	N/A	20	21	21	25	26	27	28	28

74XXMKTS 4-Way Tap

78XXMKTS 8-Way Tap

Tap Value	Color -> ----->	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Gold	White	Blue	Green	Purple	Yellow	Red
		8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB
Insertion Loss (Max dB)	5-8MHz	Term	3.7	1.9	1.4	1.0	0.9	0.9	0.9	Term	4.0	2.5	1.3	1.1	1.0	0.9
	8-15MHz	Term	3.6	1.7	1.2	1.0	0.9	0.9	0.9	Term	3.5	2.2	1.2	1.0	1.0	0.9
	15-30MHz	Term	3.8	1.9	1.3	1.1	1.0	0.9	0.9	Term	3.2	2.0	1.1	1.2	1.0	1.0
	30-300MHz	Term	4.0	2.1	1.6	1.3	1.2	1.2	1.1	Term	3.2	2.1	1.4	1.3	1.2	1.2
	300-600MHz	Term	4.3	2.5	1.8	1.4	1.3	1.3	1.2	Term	3.4	2.4	1.8	1.5	1.4	1.3
	600-750MHz	Term	4.5	3.1	2.3	1.7	1.5	1.4	1.4	Term	4.5	3.0	2.3	1.7	1.6	1.5
	750-860MHz	Term	4.6	3.3	2.5	2.0	1.6	1.5	1.4	Term	4.9	3.2	2.4	1.9	1.8	1.7
	860-900MHz	Term	4.8	3.6	2.9	2.1	1.7	1.7	1.6	Term	5.1	3.5	2.5	2.0	1.9	1.8
900-1GHz	Term	4.9	3.8	3.0	2.3	1.8	1.7	1.6	Term	5.3	3.8	2.6	2.1	2.0	1.9	
Return Loss	5-10MHz	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
In, Out & Tap (Min dB)	10-15MHz	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	15-900MHz	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	900-1GHz	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	Isolation	5-50MHz	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Tap to Tap (Min dB)	50-600MHz	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
	600-900MHz	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
	900-1GHz	23	23	23	23	23	23	23	23	21	21	21	21	21	21	21
	Isolation	5-50MHz	N/A	20	21	23	25	27	27	29	N/A	20	20	22	25	27
Tap to Output (Min dB)	50-600MHz	N/A	25	27	28	29	31	33	35	N/A	25	25	25	28	31	32
	600-750MHz	N/A	23	25	27	27	31	31	33	N/A	23	24	24	27	30	32
	750-900MHz	N/A	21	24	25	25	27	27	29	N/A	22	23	23	26	28	28
	900-1GHz	N/A	20	20	21	22	23	23	25	N/A	21	21	22	25	26	26

Tap Tolerance: +/- 1.2dB from 4dB to 17dB and .5dB from 20dB to 29dB Power Passing: 12Amps AC/DC, 60 - 90V

Hum Modulation: 5-10MHz @ >68dB, 11-400MHz @ > 70dB, 400-450MHz @ >68dB, 450-550MHz @ >64dB, 550-750MHz @ >62dB & 750-1GHz >60dB

Physical Size: 72XXMKTS, 74XXMKTS & 78XXMKTS 0.95" High X 3.44" Wide X 4.94" Long (49.52mm High X 87.38mm Wide X 125.47mm Long)

Tap Switch: Ins Loss/Return Loss - 0.3dB/44dB at 5-49MHz, 0.4dB/18dB at 49-599MHz, 0.6dB/18dB at 599-750MHz and 0.7dB/16dB at 750-1GHz

RFI Shielding: >-110dB Tap Flatness: +/- 0.5dB Operating Temperature: -40F to +140F