

RMS 7000KTS Outdoor Taps

2-Port, 4 Port & 8 Port Taps



The RMS 1 GHz 2-Port, 4-Port and 8 Port outdoor taps 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

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72XXKTS, 74XXKTS & 78XXKTS

Standard 1GHz Outdoor Tap With Switch

72XXKTS 2-Way Tap With Switch

		Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red
		7204KTS	7208KTS	7211KTS	7214KTS	7217KTS	7220KTS	7223KTS	7226KTS	7229KTS
Tap Value		4dB	8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB
Insertion Loss (Max dB)	5 - 10MHz	Term	3.2	1.9	1.2	1.1	0.8	0.7	0.6	0.5
	10 - 200MHz	Term	3.0	1.7	1.3	1	0.7	0.5	0.5	0.3
	200 - 330MHz	Term	3.2	2.0	1.3	0.8	0.8	0.8	0.7	0.5
	330 - 450MHz	Term	3.5	2	1.4	1	1.0	0.9	0.8	0.7
	450 - 550MHz	Term	3.7	2.2	1.6	1.1	1.1	1.0	0.9	0.8
	550 - 750MHz	Term	4.1	2.6	1.7	1.5	1.3	1.3	1.2	1.2
	750 - 860MHz	Term	4.3	2.8	2.2	1.7	1.6	1.5	1.4	1.4
	860 - 900MHz	Term	4.5	3.4	2.3	2	1.9	1.8	1.6	1.5
Return Loss Input, Output & Tap (Min dB)	5 - 15MHz	18	18	18	18	18	18	18	18	18
	15 - 600MHz	20	20	20	20	20	20	20	20	20
	600 - 750MHz	19	19	19	19	19	19	19	19	19
	750 - 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 - 10MHz	20	20	20	20	20	20	20	20	20
	10 - 500MHz	24	24	24	24	24	24	24	24	24
	500 - 750MHz	22	22	22	22	22	22	22	22	22
	750 - 1GHz	20	20	20	20	20	20	20	20	20
Isolation Tap to Output (Min dB)	5 - 10MHz	N/A	19	19	21	25	25	27	29	31
	10 - 600MHz	N/A	25	25	28	31	32	35	35	43
	600 - 750MHz	N/A	23	23	26	29	32	34	35	41
	750 - 900MHz	N/A	21	21	24	27	28	30	32	37
	900 - 1GHz	N/A	20	20	21	24	26	28	30	32

74XXKTS 4-Way Tap With Switch

78XXKTS 8-Way Tap With Switch

		Color ->															
		Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Gold	White	Blue	Green	Purple	Yellow	Red	
		7408KTS	7411KTS	7414KTS	7417KTS	7420KTS	7423KTS	7426KTS	7429KTS	7811KTS	7814KTS	7817KTS	7820KTS	7823KTS	7826KTS	7829KTS	
Tap Value		8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	
Insertion Loss (Max dB)	5-10MHz	Term	3.2	2.1	1.3	1.1	0.8	0.7	0.7	Term	3.7	2.2	1.3	0.9	0.8	0.7	
	11-200MHz	Term	3.0	1.7	1.2	1.0	0.8	0.6	0.6	Term	3.5	1.8	1.0	1.1	0.7	0.6	
	200-330MHz	Term	3.2	1.9	1.3	0.9	0.9	0.6	0.6	Term	3.3	1.8	1.3	1.1	0.8	0.7	
	330-450MHz	Term	3.5	2.0	1.4	1.1	1.0	0.8	0.8	Term	3.5	2.0	1.4	1.1	1.0	0.9	
	450-550MHz	Term	3.7	2.2	1.5	1.2	1.1	0.8	0.8	Term	3.7	2.2	1.5	1.2	1.1	1.0	
	550-750MHz	Term	4.1	2.8	1.8	1.5	1.4	1.1	1.1	Term	4.5	2.6	1.8	1.5	1.4	1.3	
	750-860MHz	Term	4.6	3.0	2.2	1.7	1.6	1.4	1.4	Term	5.0	3.0	2.2	1.7	1.7	1.5	
	860-1GHz	Term	5.0	3.4	2.5	2.1	1.9	1.6	1.6	Term	5.3	3.5	2.6	2.1	1.9	1.8	
Return Loss In, Out & Tap (Min dB)	5-15MHz	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
	15-600MHz	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	601-750MHz	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	
	750-900MHz	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 Tap to Tap (Min dB)	5-10MHz	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	10-500MHz	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24	
	500-750MHz	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
	750-1GHz	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Isolation Tap to Output (Min dB)	5-10MHz	N/A	19	21	23	25	27	29	31	N/A	19	19	21	27	29	31	
	10-600MHz	N/A	25	28	31	31	33	38	40	N/A	25	25	28	35	38	40	
	600-750MHz	N/A	23	26	29	29	31	35	36	N/A	23	23	25	32	33	35	
	750-900MHz	N/A	21	24	25	25	27	32	33	N/A	21	21	24	29	31	32	
	900-1GHz	N/A	20	22	23	23	25	30	32	N/A	20	20	22	25	28	30	

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: 72XXK 3.75"H X 3.56 L X 2.50" H (95mm X 90mm X 63mm) & 78XXK 3.75"W X 5.31" L X 2.50" L (95mm X 135mm X 63mm)

Tap Switch (Ins Loss/Retn Loss): 5-599MHz 0.3dB/44dB, 600-749MHz 0.4/18dB & 750-1GHz 0.7dB/16dB.

RFI Shielding: >-110dB Tap Flatness: +/- 0.5dB Operating Temperature: -40F to +140F XX = dB Value ie 7411KTS = 11dB

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