

RMS

72XXKTS, 74XXKTS & 78XXKTS

Standard 1GHz Outdoor Tap With Switch

Digitap

72XXKTS, 74XXKTS & 78XXKTS 1GHz Taps



The RMS Standard 1GHz 2-Way, 4-Way & 8-Way outdoor taps have a power passing rating of 12 Amps (AC/DC) at 60-90V and have switch built into the housing which provides uninterrupted service when the tap plate is removed.

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 nickel plated "F" ports
- Heavy duty power passing choke
- Epoxy sealed "F" ports
- Drip lips on "F" ports
- 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)
- Tap switch installed in housing
- 100% Quality control at our factory
- CE approved

RMS Communications Inc

11516 Downs Road, Pineville, North Carolina. 28134 USA
Toll Free: 1-800-223-8312 - Phone (704) 588-4008



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
Return Loss Input, Output & Tap (Min dB)	15 - 600MHz	18	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	5 - 10MHz	20	20	20	20	20	20	20	20
Tap to Tap (Min dB)	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

		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
Return Loss In, Out & Tap (Min dB)	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	5-10MHz	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Tap to Tap (Min dB)	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/D/C, 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 & 74XXK 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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