

RMS 7000GK 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 most GI series of FFT Taps. These 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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72XXGK*, 74XXGK* & 78XXGK*

Standard 1GHz Outdoor Tap

72XXGK* 2-Way Tap

Parameter	Frequency MHz	Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red
		7204GK* 4dB	7208GK* 8dB	7211GK* 11dB	7214GK* 14dB	7217GK* 17dB	7220GK* 20dB	7223GK* 23dB	7226GK* 26dB	7229GK* 29dB
Insertion Loss (Max dB)	5 - 50	Term	3.4	1.6	1.0	0.9	0.8	0.8	0.8	0.8
	50 - 300	Term	3.5	1.6	1.0	1.0	0.7	0.7	0.7	0.7
	300 - 400	Term	3.6	1.6	1.1	1.0	0.8	0.8	0.8	0.8
	400 - 500	Term	3.8	1.6	1.2	1.1	1.0	1.0	1.0	1.0
	500 - 600	Term	4.0	2.0	1.3	1.2	1.1	1.1	1.1	1.1
	600 - 700	Term	4.3	2.3	1.5	1.4	1.2	1.2	1.2	1.2
	700 - 800	Term	4.3	2.8	2.0	1.5	1.3	1.3	1.3	1.3
	800 - 900	Term	4.4	3.0	2.5	1.8	1.5	1.5	1.5	1.5
	900 - 1GHz	Term	4.5	3.5	3.0	2.0	1.8	1.8	1.8	1.8
Output to Tap Isolation (Min dB)	5 - 50	Term	18	18	20	30	30	35	38	40
	50 - 300	Term	23	23	23	30	30	35	35	42
	300 - 400	Term	22	23	21	30	30	33	34	42
	400 - 500	Term	21	22	20	30	30	32	33	40
	500 - 600	Term	21	21	20	30	27	31	30	39
	600 - 700	Term	19	21	20	30	27	29	30	39
	700 - 800	Term	19	19	19	28	25	27	26	30
	800 - 900	Term	18	19	19	28	25	26	26	30
	900 - 1GHz	Term	18	18	18	25	23	24	25	27

74XXGK* 4-Way Tap

78XXGK* - 8-Way Tap

Parameter	Frequency MHz	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Gold	White	Blue	Green	Purple	Yellow	Red
		7408GK 8dB	7411GK 11dB	7414GK 14dB	7417GK 17dB	7420GK 20dB	7423GK 23dB	7426GK 26dB	7429GK 29dB	7811GK 11dB	7814GK 14dB	7817GK 17dB	7820GK 20dB	7823GK 23dB	7826GK 26dB	7829GK 29dB
Ins Loss (Max dB)	5 - 50	Term	3.3	1.6	1.0	1.2	1.2	0.8	0.8	Term	3.2	1.6	1.1	1.0	1.0	0.8
	50 - 300	Term	3.5	1.6	1.0	1.0	0.7	0.7	0.7	Term	3.6	1.0	1.0	1.0	0.7	0.7
	300 - 400	Term	3.6	1.7	1.1	1.0	0.8	0.8	0.8	Term	3.7	2.0	1.0	1.0	0.8	0.8
	400 - 500	Term	3.7	1.8	1.2	1.1	1.0	1.0	1.0	Term	3.7	2.0	1.2	1.1	1.0	1.0
	500 - 600	Term	4.1	2.0	1.3	1.2	1.1	1.1	1.1	Term	3.9	2.0	1.5	1.2	1.1	1.1
	600 - 700	Term	4.1	2.3	1.5	1.4	1.2	1.2	1.2	Term	4.2	2.3	1.6	1.4	1.2	1.2
	700 - 800	Term	4.4	2.5	2.0	1.3	1.3	1.2	0.9	Term	4.3	2.3	2.0	1.5	1.3	1.3
	800 - 900	Term	4.4	3.0	2.5	1.8	1.5	1.5	1.5	Term	4.2	3.0	2.5	1.8	1.5	1.5
	900-1GHz	Term	4.3	3.8	3.0	2.0	1.5	1.8	1.8	Term	4.2	3.5	3.0	2.0	1.8	1.8
Output/Tap Isolation (Min dB)	5 - 50	Term	18	20	26	33	35	38	40	Term	18	18	26	31	35	38
	50 - 300	Term	23	20	26	35	34	35	42	Term	25	20	26	35	35	40
	300 - 400	Term	23	21	23	32	31	34	42	Term	25	23	23	33	34	35
	400 - 500	Term	22	20	23	30	31	33	40	Term	25	23	21	33	33	34
	500 - 600	Term	21	20	21	27	29	30	39	Term	23	21	20	32	30	33
	600 - 700	Term	21	20	20	27	28	30	39	Term	22	20	20	32	30	33
	700 - 800	Term	19	19	19	25	26	26	30	Term	20	19	19	28	26	30
	800 - 900	Term	19	19	19	25	25	26	30	Term	20	19	19	28	26	30
	900-1GHz	Term	18	18	18	23	24	25	27	Term	18	18	18	27	25	27

Common Specifications for all taps.

Common Specifications All Tap Values	Frequency in MHz ---->	5 - 10	10 - 20	20 - 400	400 - 500	500 - 600	600 - 900	900 - 1GHz
Tap to Tap Isolation	Minimum dB ---->	18	23	25	25	23	21	19
Return Loss (Input/Output/Tap)	Minimum dB ---->	15	18	20	18	17	16	16
Tap Value Loss Tolerance	'+/- dB	2.0	1.0	1.0	1.0	1.3	1.7	2.0
Power Passing Capability	Amps (60-90Volts)	12	12	12	12	12	12	12

* Please note that face plates ONLY are available and the part number is 72/74/78XXGKFP (FP designates face plate only)

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