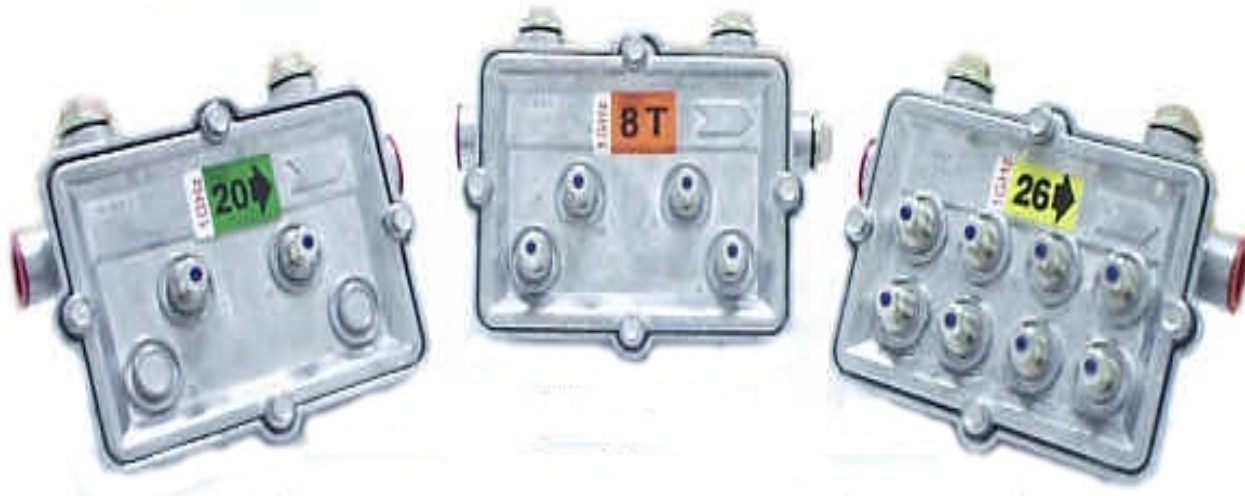


# RMS

# 72XXGK\*, 74XXGK\* & 78XXGK\*

Standard 1GHz Outdoor Tap

Digitap



The RMS 72/74/78XXGK\* series of taps are backward compatible with most GI series of FFT taps. This new tap also incorporates blocking capacitors on all ports for surge protection.

## 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)
- Blocking capacitors on all "F" ports for surge protection
- CE approved

\*Please note that face plates are available (no housing) the part number has "FP" added after the part number. Example: 4-Way 17dB would be 7417GKFP.

Available through

**Multicom, Inc.**

1076 Florida Central Parkway, Longwood, FL 32738

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72XXGK\*, 74XXGK\* & 78XXGK\*



# 72XXGK\*, 74XXGK\* & 78XXGK\*

## Standard 1GHz Outdoor Tap

72XXGK* 2-Way Tap		Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red
		7204GK*	7208GK*	7211GK*	7214GK*	7217GK*	7220GK*	7223GK*	7226GK*	7229GK*
Parameter	Frequency MHz	4dB	8dB	11dB	14dB	17dB	20dB	23dB	26dB	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						
		Orange	Gold	White	Blue	Green	Purple	Yellow	Red							
		7408GK	7411GK	7414GK	7417GK	7420GK	7423GK	7426GK	7429GK	7811GK	7814GK	7817GK	7820GK	7823GK	7826GK	7829GK
Parameter	Frequency MHz	8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	11dB	14dB	17dB	20dB	23dB	26dB	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
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

### 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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