

WA610X-P Series Outdoor Trunk Taps(5~1000MHz)

FEATURES

- All ports impedance: 75 ohm.
- ADC12 aluminum alloy acrylic painted housings provide for excellent environmental protection.
- Input->output power passing: 6A60V AC.
- Hum modulation: $\geq 60\text{dB}@6\text{A}$.
- RFI $>100\text{dB}$
- The units are sealed with a neoprene rubber gasket on the lid and entry port plugs.
- Aerial or pedestal installation with 5/8" port entry.
- Provides uninterrupted power and RF service with faceplate removed.



WA6102-P



WA6104-P



WA6108-P

SPECIFICATIONS

WA6102-P

Item	Frequency	4dB	8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	32dB
Tap Loss (dB)	5-40MHz	4.0-5.0	7.5-9.5	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	40-470MHz	4.0-5.0	7.5-9.5	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	470-862MHz	4.5-5.5	8.0-10.0	11.0-13.0	14.0-16.0	17.0-19.0	20.0-22.0	23.0-25.0	26.0-28.0	29.0-30.0	32.0-34.0
Insertion Loss (max. dB)	5-40MHz	-	4.0-5.0	3.0-4.0	2.0-3.0	1.0-2.0	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5
	40-470MHz	-	4.5-5.5	3.5-4.5	2.5-3.5	1.5-2.5	1.0-2.0	1.0-2.0	1.0-2.0	1.0-2.0	1.0-2.0
	470-862MHz	-	5.0-6.0	4.0-5.0	3.0-4.0	2.0-3.0	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5
Directional Isolation (min. dB)	5-40MHz	-	16	19	21	26	26	28	29	31	33
	40-470MHz	-	22	22	25	26	27	27	28	29	31
	470-862MHz	-	21	19	21	23	24	24	25	26	30
Mutual Isolation (min. dB)	5-40MHz	21	17	21	24	24	24	24	25	25	27
	40-470MHz	25	23	23	25	25	25	25	25	27	27
	470-862MHz	22	23	24	23	23	24	24	25	26	26
Return Loss (min. dB)	5-40MHz	17	13	15	15	15	17	17	17	17	17
	40-470MHz	17	17	19	19	19	18	18	18	18	18
	470-862MHz	17	17	17	17	17	17	17	17	17	17

Outdoor Line Passive

WA610X-P Series Outdoor Trunk Taps(5~1000MHz)

SPECIFICATIONS		WA6104-P								
Item	Frequency	8dB	11dB	14dB	17dB	20dB	23dB	26dB	29dB	32dB
Tap Loss (dB)	5-40MHz	7.5-9.5	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	40-470MHz	7.5-9.5	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	470-862MHz	8.0-10.0	11.0-13.0	14.0-16.0	17.0-19.0	20.0-22.0	23.0-25.0	26.0-28.0	29.0-30.0	32.0-34.0
Insertion Loss (max. dB)	5-40MHz	-	4.0-5.0	3.5-4.5	2.0-3.0	1.0-2.0	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5
	40-470MHz	-	4.5-5.5	4.0-5.0	2.5-3.5	1.5-2.5	1.0-2.0	1.0-2.0	1.0-2.0	1.0-2.0
	470-862MHz	-	5.0-6.0	4.5-5.5	3.0-4.0	2.0-3.0	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5
Directional Isolation (min. dB)	5-40MHz	-	19	21	23	26	28	29	31	33
	40-470MHz	-	22	25	26	27	27	28	29	31
	470-862MHz	-	22	21	22	23	24	25	27	30
Mutual Isolation (min. dB)	5-40MHz	25	19	24	24	25	25	26	27	27
	40-470MHz	25	23	23	24	25	25	25	27	27
	470-862MHz	23	22	23	23	24	24	24	24	26
Return Loss (min. dB)	5-40MHz	17	16	15	15	15	15	15	15	15
	40-470MHz	17	17	17	19	19	18	19	19	19
	470-862MHz	17	17	17	17	17	17	17	17	17

SPECIFICATIONS		WA6108-P							
Item	Frequency	11dB	14dB	17dB	20dB	23dB	26dB	29dB	32dB
Tap Loss (dB)	5-40MHz	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	40-470MHz	10.5-12.5	13.5-15.5	16.5-18.5	19.5-21.5	22.5-24.5	25.5-27.5	28.5-30.5	31.5-33.5
	470-862MHz	11.0-13.0	14.0-16.0	17.0-19.0	20.0-22.0	23.0-25.0	26.0-28.0	29.0-30.0	32.0-34.0
Insertion Loss (max. dB)	5-40MHz	-	4.0-5.0	3.5-4.5	2.0-3.0	1.0-2.0	0.5-1.5	0.5-1.5	0.5-1.5
	40-470MHz	-	4.5-5.5	4.0-5.0	2.5-3.5	1.5-2.5	1.0-2.0	1.0-2.0	1.0-2.0
	470-862MHz	-	5.0-6.0	4.5-5.5	3.0-4.0	2.0-3.0	1.5-2.5	1.5-2.5	1.5-2.5
Directional Isolation (min. dB)	5-40MHz	-	21	23	26	28	29	31	33
	40-470MHz	-	25	26	27	27	28	29	31
	470-862MHz	-	22	22	23	24	25	27	30
Mutual Isolation (min. dB)	5-40MHz	25	22	24	25	25	26	27	27
	40-470MHz	23	23	24	25	25	25	27	27
	470-862MHz	22	23	23	23	23	23	23	23
Return Loss (min. dB)	5-40MHz	15	15	15	15	15	15	15	15
	40-470MHz	15	17	17	19	18	19	19	19
	470-862MHz	15	17	17	17	17	17	17	17