



Quad-Band Antenna Series

Model: AW-3C

A combination of both GPS and AMPS antennas that is designed mainly to simplify the need for an AVL or Fleet Management antenna system



This **AW-3C**, a member of our mobile antenna series coming up with Quad-Band features, is designed to simplify the need for an AVL or Fleet Management antenna systems. It is the combination of high gain GPS, CDMA and WiFi antennas with a low profile and rugged structure.

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Specifications:

AW-3C SPECIFICATIONS			
	GPS Antenna	CDMA Antenna	WiFi Antenna
Features	Patch antenna with state-of-the-art low noise amplifier	Dual Band 850/1900 MHz	2.4GHz
Size	64.5mm(D) x 19mm(H)		
Frequency	1575.42 MHz	824 MHz ~ 894 MHz 1840 MHz ~ 2000 MHz	2.4G ~ 2.5G
Polarization	RHCP (right hand circular polarization)	Linear Polarization	Linear Polarization
Peak Gain	26 dB typically	850 MHz: -7 dBi	-7 dBi

		1900 MHz : -2 dBi	
Noise Figure	2.0 Max.	N/A	N/A
Attenuation	20dB min. @ F0+/-50MHz	N/A	N/A
Band Width	10 MHz	70 MHz for frequency of 824 ~ 894 MHz 160 MHz for frequency of 1840 ~ 2000 MHz	100 MHz for frequency of 2.4G ~ 2.5G
VSWR	< 2.0	< 2.0	< 2.0
Impedance	50 ohm	50 ohm	50 ohm
Power Supply	Power Consumption: 2.7~5.5 VDC / 13 mA	Power Handling Capacity: 10 W	Power Handling Capacity: 10 W
Operating Temperature	-40oC ~ +55oC	-40oC ~ +55oC	-40oC ~ +55oC
Storage Temperature	-45oC ~ +55oC	-45oC ~ +55oC	-45oC ~ +55oC

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