



Double Wi-Fi Antenna for Panasonic (AP-PAN WW)

AP-PAN WW is a fully rugged outdoor antenna designed specifically to provide high performance Wi-Fi connectivity for the Arbitrator video solution. This antenna provides two high gain Wi-Fi antennas inside a single robust and compact housing.


- 2 x Dual band 2.4 & 4.9-6 GHz Wi-Fi Elements (MIMO)
- Lower profile and smaller footprint than competing solutions
- High gain provides bigger Wi-Fi footprint
- Must be mounted on metal
- Available in black or white
- US Patent 10109918




Optimal MIMO Performance for Wi-Fi




Compact and Robust UV Resistant Housing




Full Outdoor Installation Ready




Customizable Cables and Connectors to Connect to Any Modem



Flexible Mounting Options



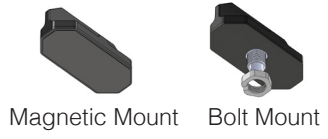
Fast custom turnaround time



Low loss cable accessories

Descriptions/Applications

The AP-PAN WW antenna builds on the best in class RF performance, leading design, features, and extended product life tradition of this highly successful Fleet and Public Safety Antenna products. Like all our antennas, this product has been designed to be robust to withstand the natural hazards a vehicle faces including vibration, hot, cold, ice, salt, dirt, car washes, and tree branch sweeps. Our antennas typically outlast the life of a vehicle.



Standard Configurations

AP-PAN-WW-Q-S22-RP-BL-18 (ARB-APWWQS22-RP-BL)	Threaded bolt mount, Black, 18ft coax
AP-PAN-WW-M-S22-RP-BL-18 (ARB-APWWMS22-RP-BL)	Magnetic mount, Black, 18ft coax

Also available in color white, customizable cable lengths up to 35 feet, and other connector variations.

Electrical Data

Frequency Range	Elements 1 & 2		2.4/4.9-6.0 GHz
Operational Bands	Elements 1 & 2		Wi-Fi
	Elements 1 & 2	2.4 GHz, 5.5 GHz	7 dBi, 5 dBi
Isolation	Elements 1 & 2		> 30 dB

Environmental Data

Hazardous Substances	RoHS Compliant
Temperature	-40°C to 65°C (-40°F to + 149°F) Operating and Storage conformance to IEC 60068
Humidity (Non-Condensing)	5% to 96% Operating and Storage conformance to IEC 60068
Military Spec	MIL-STD 810 conformance to vibration and humidity

Mounting Data

Dimensions	Height	2.15" (54.6mm)
	Width	2.27" (57.7mm)
	Length	5.02" (127.5mm)
Color	Black (BL) or White (WH)	

Cable Data

Wi-Fi	Type	CFD195 Low Loss
	Diameter	0.195" (4.953 mm)
	Length	1 feet
	Termination	RP-SMA Male