



## ALPHA WAVE NARROWBAND RADIO MODEMS WIRELESS SOLUTIONS



# UHF Whip Antenna 5/8, 5dBi, NMO

[AT-30008, AT-30009, AT-30010]

This antenna type is manufactured using the finest corrosion resistant materials and finishes available. The base is triple plated chrome brass. The large diameter low loss coil form is insert molded and features a gold plated spring loaded contact.

O ring seals and overlap construction keep moisture out of the antenna. These mobile antenna is designed and built for demanding applications.

Antennas designed to be operated with ground plane provide better gain, but to achieve the best performance of the antenna, add a UHF Antenna Ground Plane Disk (p/n PT-10016) to the bottom of the antenna for a ground plane. UHF antenna Ground Plane disk improves VSWR and as result increase RF power delivered from transmitter to antenna and system distance range.

This antenna type is suitable for AW400 and AW435 radio modems with PT-10002, PT-10003, and PT-10017 cable types.

If the antenna is used with magnetic mount adaptors (PT-10002, PT-10017), the metallic surface (a car roof or a plate of iron or steel) substitutes the UHF Antenna Ground Plane Disk.

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Electrical	
Frequency	406-430MHz 430-450MHz 450-470MHz
Gain	5 dB
VSWR	<2:1
Rating	200 watts, 50 ohms impedance
Radiation Pattern	Omni directional
Mechanical	
Radiator	.100 stainless steel whip
Base	ABS, triple plated chrome
Contact	Gold plated, spring loaded
Connector	NMO
Length	36 " max.
Mounting	3/4", 3/8", Magnetic and Mini-Trunk mounts
Compatibility	AW400, AW435 with PT-10002, PT-10003, and PT-10017 cable types

