



This antenna provides a high level of integration for Fleet Management & AVL tracking applications in a permanent thru-hole mount. The Quad-band Surface mount provides operation on all Cellular and PCS bands worldwide along with GPS. The GPS antenna has an active amplifier for maximum satellite reception.

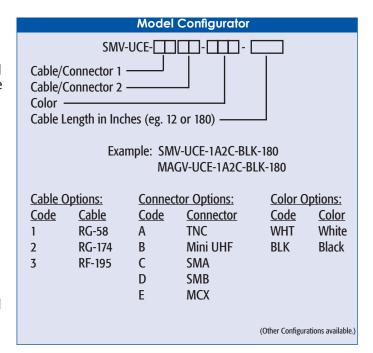
This antenna operates on a range of wireless networks, for compatibility around the world. With advanced designs, there is no interaction between bands. This unit requires drilling a 3/4" hole (19 mm) for mounting. Underside access is required for securing.

A separate connector is provided for the GPS interface and the 925/1800 MHz interface. The antennas are provided with 15 foot (4.5 meter) cables (RG-58 for Cell/PCS, RG-174 for GPS). Standard connectors are SMA/SMB for GPS, and SMA for cellular.

GPS performance is 26 dB LNA, with 5 dBi nominal RHCP antenna gain. The GPS circuit has a low noise figure (2.0 dB max) with excellent filter characteristics. Power for the GPS amplifier signal is applied through the same cabling directly to the GPS circuit.

Surface Mount Antennas 806-1990 MHz & GPS

- Mounts to vehicle roof/trunk
- High performance GPS with 26 dB active amplifier
- Secure & low profile only 5" high (127 mm)
- Quad-Band for popular combinations



Specifications			
Frequency:	806-960, 1710-1990 MHz & GPS	Cable:	
Cellular / PCS Gain:	2 dBi (804-960),	GPS	RG-174, 15 feet (4.5 meters)
,	Unity (1710-1990)	PCS/DCS	RG-58, 15 feet (4.5 meters)
GPS Gain:	26 dB, LNA	Dimensions:	5" height (127 mm)
G. 5 Ga	5 dBi nominal RHCP Antenna	Difficultions.	Base is 1" H x 2 5/8" D
	5 d.S. Horimiar in rei 7 meeting		(25 mm x 67 mm)
VSWR:	2:1 max over range	Stud Mounting:	3/4" dia x 1/2" long
Noise Figure:	2.0 dB max, 1.7 dB typical	Stad Woditing.	(19 mm x 13 mm)
Operating Temp:	-40° to +80° C		for 3/16" thick (4.7 mm) surface
			, , , , ,
Nominal Impedance:	50 ohms	Committee	Optional Mirror & Trunk Mount
Maximum Power:	10 Watts (Cell/PCS Band)	Connector:	SMA/SMA standard
Amplifier Bias:	2.7 to 5 VDC	Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G
Current:	20 mA max, 10 mA typical		TIA-329.2-C
Whip:	304 Stainless Steel	Water Ingress:	IPx5
Base Material:	Polycarbonate		
	•		