



The SMW-405 Series Antennas features 4 elements in one antenna radome. The unique feature of this model is that it offers two separate GPS elements, each fed with a separate cable and each cable attaching to a separate GPS modem.

One element in the SMW-405 is used for WiFi at 2.4 GHz and the other can be used for applications that fall in the 800 MHz-2.7 GHz range such as Cellular, WiFi at 2.4 GHz, WiMAX at 2.5 GHz and AWS at 1.7 & 2.1 GHz.

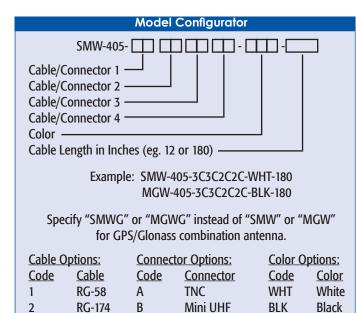
For the GPS interfaces, the antennas are typically outfitted with 15 feet of RG-174 cable (4.5 meters). The additional applications are fed with 15 feet of low loss RF-195. All connectors are plug (male) unless requested otherwise.

The antennas can be mounted through a 3/4-inch hole (19 mm) to any vehicle, cargo container or trailer. For best performance, the antenna should be mounted on a metal surface or ground plane.

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SMW-405 multiband, 4-cable Cellular GPS, AWS, WiFi & WiMAX

- 4 antennas in 1 antenna housing
- Covers GPS, Cellular, AWS, WiFi and **WiMAX**
- Saves time and money by reducing the number of installations
- Available in either Surface-mount (SMW Series or Mag-mount (MGW Series)



e antennas are available in a mag-mount optiom. The antennas n also be configured for combined GPS & Glonass use.		3	RF-195	C D E	SMA SMB MCX	(Other Configurations available.)
Specifications						
Frequency & Gain (peak): Cable 1 Cable 2 Cables 3 & 4 (GPS)	800-1250 MHz, 3 dBi & 1650-2700 MHz, 5 dBi 2.4-2.5 GHz, 5 dBi 1575.42 +/- 2 MHz, LNA: 26dB 5 dBi nominal RHCP	Cable: Cable: Cable Connec Case M	ctor:		RG-174, 1 SMA Plug	oft (4.5 meters) 5ft (4.5 meters) g (Male) standard Black UV resistant ASA
/SWR: Nominal Impedance:	2:1 max over range 50 ohms		Nounting:		Magnet M	Mount metal stud 3/4" dia. x

Maximum Power: 10 Watts 1/2" long (19 mm x 13mm) for 1/4" **GPS** (6 mm) thick metal; supplied with **Amplifier Bias:** 2.7 to 5 VDC gasket & nut; other stud lengths Noise Figure: 2.0 dB max, 1.7 dB typical available **Current:** 20 mA max, 10 mA typical Operating Temp: -40° to +80° C GPS & Glonass Option: 1575 MHz & 1612 MHz Shock & Vibration: IEEE1478, EN 61373, 4.2"D x 3.2"H (107 mm x 81 mm) MIL-810G, TIA 329.2-C Case: add 1/2" (13 mm) for mag base **Dust/Water Ingress: IP67**