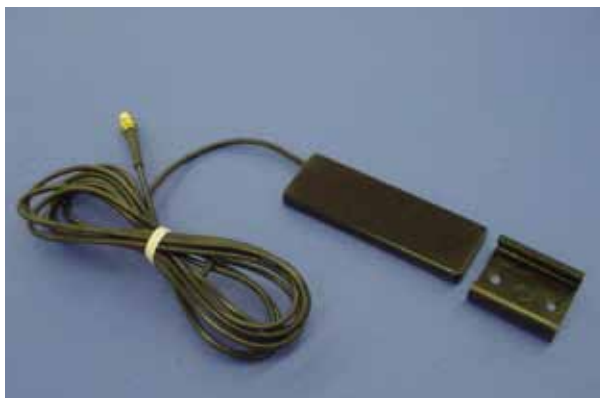


Covert Antennas GSM/CDMA & WiFi



CVS Series Dual Band
Strip Covert Antennas

These antennas are designed for covert use in/on a vehicle, or for any type of embedded/surface application. Additional applications would be ATM machines, remote credit card processing, wireless kiosks, and telemetry radios, perhaps in NEMA boxes. These antennas operate on dual band configurations and can be used for cell phones or GSM/EV-DO/GPRS modem applications. Models are also available for Trunking 837 MHz and ISM 915 MHz modems. A single band model is available for 2.4 GHz WiFi (802.11 b/g)

These antennas are compact, yet provide 2.5 dBi gain performance. The antennas are ground plane independent and can be mounted in a variety of locations. They can be installed behind rearview mirrors, under a dashboard or rear window deck/shelf. Since they are thin, they can also fit into the molding of vehicles, surface or subsurface mount in various electronic equipment.

The CVS antennas are weather resistant with a water ingress rating of IP67. These antennas are provided with double sided tape and a mounting clip for standard installation applications. They can be installed without the mounting clip by simply using the double sided tape.

- Halfwave 2.5 dBi gain styles
- Low profile & compact; perfect for covert use or unobstructed view use.
- Weather resistant design for inside/outside applications
- Models for GSM, CDMA, GPRS, EDGE, EVDO, 3G, ISM & WiFi

When mounting the antenna, care should be taken to ensure the antenna is positioned so that no metal or metalized finish obstructs the radiation pattern of the antenna.

The CVS series is housed within a black ASA rugged radome and is provided with 8 ft of RG-174 cable (2.5 meters). Models are typically outfitted with SMA Plug (Male) connectors. Other connectors are available upon request. The CVS series is also available with an integral GPS antenna in a slightly larger package.

Model Numbers

Model	Band(s)
CVS-900/1900	US GSM/GPRS/EV-DO, 850/1900
CVS-925/1800	EU GSM 900/1800 PCS
CVS-925/1900	ISM with US 1.9 GHz GPRS
CVS-837/1900	Trunking with 1.9 GHz GPRS
CVS-900/1800	US 800 Cell with EU 1.8 GHz DCS
CVS-2400	2.4 GHz WiFi, 802.11 b/g

Specify desired connector at time of order; special configurations available upon request. Please consult your sales representative for details/availability.

Specifications

Frequency:		Cable:	8 ft RG-174 (2.5 meters)
Cellular	806-1990 MHz	Connectors:	SMA Plug (Male), other options available
WiFi/802.11 b/g	2400-2485 MHz	CVS Material:	ASA plastic, black
Gain:	2.5 dBi max		Slide-in clip, or direct
VSWR:	2:1 max over range	Mounting:	Double sided tape
Impedance:	50 Ohm nominal	Shock & Vibration:	IEEE 1478, EN61373, MIL-810G
Maximum Power:	10 Watts		TIA-329.2-C
Operating Temp:	-40° to +85° C	Water Ingress:	IP67
CVS Series Dimension:	3.75"L x 1 1/4"W x 3/8"D		
	95 mm x 32mm x 9 mm		