

Covert Antennas, Rubber Duck-Style, 824-1990 MHz



CVT Series Covert Antennas

- Halfwave 2 dBi gain 850 & 1900 MHz styles with flexible radome
- Low profile; perfect for covert use
- Fully waterproof & durable radome
- Models for popular frequency bands from 800 MHz to 1.9 GHz

These antennas have been designed for covert use in a vehicle where the antenna needs to be out-of-sight. The CVT Series consists of a rubber duck style antenna with a pencil thin slim-line radome and a cable pigtail for easy connection.

These antennas are available for specific frequency bands, as specified in the model number table. These include Cellular bands as well as the ISM 915 MHz band.

All of the antenna models provide 2 dBi gain performance.

The CVT Series antennas are ground plane independent and can be mounted in a variety of locations; both inside and outside a vehicle. They can be installed in the car fabric molding next to the door, behind a rearview mirror, under a dashboard, or under the rear window deck/shelf.

For external applications, appropriate locations might include under rubber bumper strips, or inside side mirrors. The antennas are fully waterproof.

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 CVT series is covered with a black flexible Santoprene radome. This model is normally provided with 8 ft of RG-174 cable (2.5 meters).

The CVT antennas are typically provided with SMA connectors, but other options are available.

Model #	Band(s)
CVT-900-2C-BLK-96	US 850 band Cellular
CVT-925-2C-BLK-96	925 EU GSM & ISM
CVT-1800-2C-BLK-96	1800 Band EU GSM
CVT-1900-2C-BLK-96	1900 Band US Cellular

Specifications			
Frequency:		CVT Series Whip Length:	
US Cellular	824-894 MHz	CVT-900	8 inches (203mm)
EU GSM & ISM	870-960 MHz	CVT-925	7 inches (177 mm)
1800 Band/EU	1710-1850 MHz	CVT-1800	6 inches (152 mm)
1900 Band/US	1850-1990 MHz	CVT-1900	6 inches (152 mm)
Gain:	2 dBi max	Operating Temp:	-40° to +85° C
VSWR:	2:1 max over range	Material:	Santoprene radome
Impedance:	50 Ohm nominal	Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G, TIA-329.2-C
Maximum Power:	10 Watts	Other:	Special cable lengths or RF connector configurations are available, inquire for details
Cable:	RG-174, 8 ft (2.5 meters)		
Connectors:	SMA Plug (Male)		