

# On-Window Antennas (Patented)

## Cellular & Dual Cellular/PCS

- High performance; up to 3 dB gain
- Flexible Mini-Mark whip never needs to be removed for carwashes
- Low profile, mounts on front or rear glass
- Ideal for use with all hands-free car kits or phone adapters



Mini-Mark Cellular  
Outside(L) & Inside (R)



Mini-Mark Cell/PCS  
Outside(L) & Inside (R)

The Mini-Mark antenna represents the latest generation of cellular On-Window antennas. The unique design outperforms other antennas of similar size. The Mini-Mark, with a 3 1/2" whip (89 mm), provides up to 3 dB gain. A Mini-Mark style is available for either Cellular, or Cellular with PCS.

The antenna uses a patented current-fed design which results in stable performance over the life of the antenna. The antenna provides efficient through-glass coupling and excellent impedance matching. The in-car counterpoise improves the vehicle's ground plane and adds to the overall antenna performance.

The Mini-Mark is designed for easy installation. The mounting plates are constructed of low-profile ABS plastic. This thin profile allows them to flex, accommodating the curvature of any vehicle window. The antennas mount to the window with reliable 3M VHB double sided tape.

The round mounting plates allow the inside and outside to be easily aligned. A side cable entrance on the inner transfer box allows easy routing up to the headliner.

The Mini-Mark antenna is ideal for most car-kit installations. The low-profile whip can be mounted on the front windshield, closer to the car-kit installation so less cable is used and the wiring is simpler.

The Mini-Mark whip locks into a vertical position at installation and never needs to be removed, not even for carwashes. This series can also be outfitted with a GPS module for mobile tracking.

### Model Numbers

<u>Model</u>	<u>Band</u>	<u>Frequency</u>
MM3-900	AMPS Cellular	824-894 MHz
MM3-837	SMR	804-860 MHz
MM3-925	SMR/GSM/ISM	870-960 MHz
MM3-900/1900	Cellular/PCS	824-894 MHz & 1850-1990 MHz
MM3-925/1800	EU GSM/DCS	870-960 MHz & 1710-1880 MHz

Please specify TNC or Mini-UHF connector at time of order.

### Specifications

**Frequency:** See above

**Gain:**  
Cellular Band 3 dB maximum  
PCS/DCS-1800 Unity Gain

**Nominal Impedance:** 50 ohms

**Maximum Power:** 35 watts

**Cable:** RG-58, 15 feet (4.5 meters)

**Mount:** ABS plastic, 2" dia. (51 mm)

**Whip Material:** Flexible rubber-covered radiator

**Whip Length:** 3.5" (89 mm) approximately, varies slightly by model

**Glass Attachment:** Double sided tape

**Whip Connection:** Adjustable screw-in/lock-down ball

**Cable Attachment:** Integral to inside coupling box  
**Connector:** TNC or Mini-UHF, please specify  
Note - connectors supplied loose  
Others may be available upon request