



## On-Window single & Dual-Band, 806-1990 MHz

- Flexible Mini-Mark whip never needs to be removed for car washes
- Low profile, mounts on front or rear glass
- Ideal for use with all hands-free car kits or phone adapters
- Models for GSM/CDMA modems including GPRS/EDGE/EVDO

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 dBi gain. The Mini-Mark style is available for either the single (lower) band only or dual band models.

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. The thin profile allows them to flex, accommodating the curvature of any vehicle window. The antennas mount to the window with reliable 3M 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 or commercial cellular modems. The low-profile whip can be mounted on the front windshield, closer to the car-kit, so less cable is used.

The Mini-Mark adjustable whip locks into a vertical position when tightened and never needs to be removed, not even for car washes. This series can also be outfitted with a GPS module for mobile tracking.

Model #	Frequency	Band
MM3-900-1A-BLK-180	824-894 MHz	Cellular
MM3-837-1A-BLK-180	806-870 MHz	SMR
MM3-925-1A-BLK-180	870-960 MHz	GSM/ISM
MM3-900/1900-1A-BLK-180	824-894 MHz & 1850-1990 MHz	Cell/PCS
MM3-925/1800-1A-BLK-180	870-960 MHz & 1710-1880 MHz	EU GSM/DCS

Please specify connector at time of order.

Specifications			
Frequency:	See above	Glass Attachment:	Double sided tape
Gain:		Cable Attachment:	Integral to inside coupling box
806-960 MHz	3 dBi maximum	Connector:	TNC Plug Male Standard, Others available
1710-1990 MHz	Unity Gain		Note - connectors supplied loose
Nominal Impedance:	50 ohms	Operating Temp:	-40° to +85° C
Maximum Power:	10 watts	Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G, TIA-329.2-C
Cable:	RG-58, 15 feet (4.5 meters)	Water Ingress:	IP67
Mount:	ABS plastic, 2" dia. (51 mm)		
Whip Material:	Flexible rubber-covered radiator		
Whip Length:	3.5" (89 mm) approximately, varies slightly by model		
Whip Connection:	Adjustable screw-in/lock-down ball		