



New - Multiband Glass Mount!

## On-Window Antennas (Patented) Multiband for 800 MHz - 2000 MHz

- High performance 3 dB gain, optional low loss cable extends relative performance up to 4 dB
- Flexible fixed whip never needs to be removed and no adjustments
- Low profile, mounts on front or rear glass
- Operates on Nextel, Cellular, PCS, GSM & all data bands GPRS/EV-DO

The new OWM Series multiband is the latest generation of our On-Window antennas. This unique and patented design outperforms other antennas of similar size and rivals larger "pigtail" antennas. The OWM series operate on all popular voice and data bands presently in the US and Europe.

The current-fed design results in stable performance. The antennas provide excellent impedance matching and minimal coupling loss. The in-car counterpoise improves the vehicle's ground plane and adds to the overall performance. Multiband operation allows one model to cover all applications, reducing inventory. Installed radios/modems can easily be switched from one generation to another without an antenna change.

The standard OWM3 is the most logical choice for the majority of cellular and data applications. For very remote or weak signal applications a special low loss cable version is provided in model OWM4. The low loss cable results in a relative gain of 4 dBi.

The OWM Series glass mount is designed for easy installation. The durable ABS mounting plates are lightly flexible, accommodating the curvature of any vehicle window. The antennas attach to glass with reliable 3M VHB double sided tape. A side cable exit port on the inner coupler allows easy cable routing up to the headliner.

With a low-profile whip, the antenna can be mounted on the front windshield, closer to the car-kit installation. This will allow less cable to be used with increased performance and easier installation. The whip is locked into an optimal position and never needs to be removed or adjusted. With a broad Azimuth energy pattern, perfect vertical position is not required for good performance.

The OWM Series are ideal for all car-kits, PCMCIA mobile modem installations, and even can be used for inbuilding improvement (on single pane windows).

### Model Numbers

Model	Description
OWM3-MB-1A	Multiband standard range antenna, with 15 ft (4.5 m) cable & TNC
OWM4-MB-3A	Extended range Multiband antenna with 15ft (4.5 m) low loss cable & TNC
OWM3-MB-1B	Multiband standard range antenna, with 15 ft (4.5 m) cable & MiniUHF
OWM4-MB-3B	Extended range Multiband antenna with 15 ft (4.5 m) low loss cable/MiniUHF

Other connectors available, consult factory for appropriate models etc.

### Specifications

<b>Frequency:</b>	800 - 1000 MHz and 1710 - 1990 MHz	<b>Mount:</b>	ABS plastic, 2" diameter (51 mm)
<b>Gain:</b>		<b>Whip Material:</b>	Flexible fixed position, rubber covered radiator
OWM3 Series	3 dB maximum	<b>Whip Length:</b>	3 inches (76 mm) approximately
OWM4 Series	4 dB relative with low loss cable	<b>Glass Attachment:</b>	Double sided tape
<b>Nominal Impedance:</b>	50 ohms	<b>Whip Connection:</b>	Fixed position, car wash proof
<b>Maximum Power:</b>	10 watts	<b>Cable Attachment:</b>	Integral to inside coupling box, side exit
<b>Cable:</b>		<b>Connector:</b>	See above, please specify if supplied loose or attached
OWM3	RG-58, 15 feet (4.5 m)		
OWM4	RF-195 (low loss), 15ft (4.5 m)		