



## Mag-Mount & Trunk Lid, WiFi 2.4 & 5 GHz

- Magnetic Mount and Trunk Lid Mount
- Ground plane independent designs can be used on any surface.
- Elevated Feed versions provide additional clearance for light bars

Mobile Mark's new ECO Mobile series are high frequency antennas designed for applications in the 2.4 - 6 GHz bands. The 5 GHz model, can be used for DSRC 5.9 GHz.

lid mount. A cable guide routes the cable around the mounting bracket and through the trunk molding into the vehicle where the radio is typically located.

These antennas are free space designs and ground plane independent. As such the antennas will continue to perform electrically on any surface, including fiberglass.

High gain coupled with low loss cable compensates for the losses that occur at higher bands.

All antennas use low loss-195 cable to improve efficiency. The cable lengths vary by antenna style: 10-feet (3 m) for mag-mounts and 15-feet (4.5 m) for trunk-lid mounts. The vertical radomes are made of black fiberglass with an ASA base assembly.

The magnetic mount models have a 2.6" (66 mm) base, and use a strong commercial magnet. They provide a scratch resistant covering on the bottom. The cable exits out of the side of the base.

Trunk lid units mount securely to vehicle trunk lip with set screws. An allen wrench is provided for attaching the trunk

Model #	Gain	Frequency
<b>Magnetic Mount Models</b>		
ECOM5-2400-3C-BLK-120	5 dBi	2.4-2.5 GHz
ECOM6-5500-3C-BLK-120	6 dBi	5-6 GHz
ECOM9-5500-3C-BLK-120	9 dBi	5-6 GHz
Models above are available in Black Only		

Specifications				
Frequency:	2400	2.4-2.5 GHz	Radome:	Black Fiberglass
	5500	5.0-6.0 GHz	Base/Mount:	ASA plastic & steel
Gain:	See above		MAG Base Size:	2.6" D (66 mm)
VSWR:	2:1 over band		Cable Length/type:	
Impedance:	50 Ohm nominal		Mag Mounts	10 ft of LL-195 (3 meters)
Maximum Power:	10 Watts		Trunk lid Mounts	15 ft of LL-195 (4.5 meters)
Operating Temp:	-40° to +85° C		Connector:	SMA Plug (Male), standard
			Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G TIA-329.2-C