



ECOM
Magnet Mount



ECOT
Trunk Lid Mount

Mobile Mark's new ECO Mobile series are high frequency antennas designed for new technology applications in the 2.4 - 6 GHz bands. There are individual models for WiMAX at 2.5-2.7 or 3.4-3.7 GHz

These antennas are free space designs and ground plane independent. High gain coupled with low loss cable compensates for the losses that occur at higher bands. All antennas use low loss RF-195 cable to improve efficiency. The vertical radomes are black fiberglass with an ASA base assembly. All antennas are weatherproof.

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 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.

Magnet Mount & Trunk Lid Mobile Antennas, WiMAX

- Magnetic Mount and Trunk Lid Mount
- Ground plane independent designs can be used on any surface.
- Available in models with 5 dBi - 9 dBi gain

Model #	Gain	Height
<u>Magnetic Mount Models</u>		
ECOM6-2600-3C-BLK-120	6 dBi	12.0in/31cm
ECOM6-3500-3C-BLK-120	6 dBi	14.0in/36cm
<u>Trunk Lip Mount Models</u>		
ECOT6-2600PT-3C-BLK-120	6 dBi	15.0in/38cm
ECOT6-3500PT-3C-BLK-120	6 dBi	15.0in/38cm
Models above are available in Black Only		

Specifications

Frequency:	2600 3500	2.5 - 2.7 GHz 3.4 - 3.7 GHz	Trunk Mount Method :	Dual set screws, allen wrench supplied
Gain:	6 dBi		Cable Length/type:	
VSWR:	2:1 over band		Mag Mounts	10 ft of RF-195 (3 meters)
Impedance:	50 Ohm nominal		Trunk lid Mounts	15ft of RF-195 (4.5 meters)
Maximum Power:	10 Watts		Connector:	SMA Plug (Male), standard
Operating Temp:	-40° to +85° C		Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G TIA-329.2-C
Radome:	Black Fiberglass			
Base/Mount:	ASA plastic & steel			
MAG Base Size:	2.6" D (66 mm)			
Trunk Mount Size:	1"H x 3"L x 2.75"W (25 mm x 76 mm x 70 mm)			