



Surface Mount Antennas WiMAX & Broadband

- Mounts easily to roof, trunk or bulkhead
- Ground plane independent omni configuration
- Rugged and attractive ASA radome, mounts to 5/8" hole (16 mm)

These body mount style antennas can be mounted to any vehicle, container or bulkhead. The rugged style is excellent for industrial applications, yet attractive enough for consumer use.

The designs use a 5/8" feed thru (16 mm) for securing to the vehicle. The antennas are outfitted with 1 foot (30 cm) of RG-58 cable for DM and RF-195 for RM and typically an SMA male connector. Jumper cables for completing the installation are supplied separately. The RM-WHF-DN has a Direct N Jack (Female).

The RM is a broadband antenna, operating 1.7-6.0 GHz, the DM2-2600 is band limited to 2.5 - 2.7 GHz.

Antenna performance is 5 dBi (peak gain) for the RM Series and 2.5 dBi (max) for the DM Series, with no ground plane required for proper operation. The antennas can even be mounted on fiberglass or plastic housing and meet specifications.

The RM and DM Series Low Profile "Dome" antenna radome consists of Black or White ASA UV resistant plastic

Model #	Description
RM-WHF-3C-BLK-12	Broadband with SMA
MGRM-WHF-3C-BLK-120	Mag-mount
RM-WHF-DN-BLK	Broadband w/Direct N
DM2-2600-1C-BLK-12	Low Profile "Dome"
MGD-2600-1C-BLK-120	Mag-mount "Dome"
RM-MK	Pole/Wall mount for RM's

Add "-TM" for Vehicle Trunk Lid Mount Option

Color options available for above models
 WHT-White or BLK-Black

Specifications			
Frequency:		DM2	3" D x 1.5" H (76 mm x 38 mm)
RM & MGRM	1.7-6.0 GHz	MGD	3.75" D x 1.9" H (95 mm x 48 mm)
DM2 & MGD	2.5-2.7 GHz		
Gain:		Mounting:	
RM & MGRM	5 dBi	RM:	5/8" diameter (16 mm) feed for up to 3/8" thick (9.5 mm)
DM2 & MGD	2.5 dBi max	DM2:	5/8" diameter (16 mm) feed for up to 1/4" thick (6.3 mm)
VSWR:	2:1 max over range	MGD & MGRM	Magnet mount
Operating Temp:	-40° to +85° C	RM-WHF-DN	Direct N Jack (Female)
Nominal Impedance:	50 Ohms	Shock & Vibration:	EN61373, IEC61478, MIL-810G TIA-329.2-C
Maximum Power:	10 Watts	Water Ingress:	RM
Case Material:	ASA plastic, UV Resistant		IP67
Hardware Supplied:	Nut, Lockwasher, gasket		
Pigtail Cable length:	DM: RG-58, 1 foot (30 cm) RM: RF-195, 1 foot (30 cm) MGD: RG-58, 10 ft (3 m) MGRM: RF-195, 10 foot (3 m)		
Pigtail Connector:	SMA Plug (Male) standard		
Antenna Size:			
RM	1 3/4" D x 3" H (45 mm x 76 mm)		