



## Surface Mount Antennas WiFi 5 GHz & Broadband

- Broadband model covers 1.7-6.0 GHz
- Ground plane independent omni configuration
- Rugged ASA plastic radome, stud mounts to 5/8" hole (16 mm diameter)

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

The designs use a 5/8" (16 mm) feed thru for securing to the vehicle. As an option, a direct N Female is also available. The antennas are outfitted with 1 foot (30 cm) of RF-195 cable & an SMA male connector. Jumper cables for completing the installation can be supplied separately, and use RF-195 low loss cable. Alternatively, a longer integral cable can be supplied upon request.

Antenna has a peak gain of up to 5 dBi in the RM Series. No ground plane is required for proper operation. The antennas can even be mounted on fiberglass or plastic housing and meet specifications.

The RM Series antenna has a black or white ASA UV resistant plastic radome with a heavy duty metal base.

The DM Series Low Profile "Dome" antenna radome consists of white or black ASA UV resistant plastic and threaded feed thru.

Model #	Frequency
RM3-5500-3C-BLK-12	5.15-5.9 GHz
RM3-5500-DN-BLK	5.15-5.9 GHz
RM-WHF-3C-BLK-12	1.7-6 GHz
RM-WHF-DN-BLK	1.7-6 GHz
DM2-5250-3C-WHT-12	5.15-5.35 GHz
DM2-5725-3C-WHT-12	5.7-5.9 GHz
DM2-5500-3C-WHT-12	5-6 GHz
DM2-2400/5500-3C-WHT-12	2.4-2.5 & 4.9-6.0 GHz
Add "-TM" for Trunk Lid Mount Option	
<u>Color options available for above models</u> WHT-White or BLK-Black	
NT-MK	Pole/wallmountforRMSeries Heavy duty Pole/Wall Mount

Specifications	
Frequency:	See above
Gain:	
RM:	5 dBi peak
DM:	2.5 dBi
VSWR:	2:1 max over range
Operating Temp:	-40° to +85° C
Nominal Impedance:	50 ohms
Maximum Power:	10 watts
RM Size:	1.70" diameter x 3" high (45mm x 76 mm)
DM Size:	3" diameter x 1.5" high (76 mm x 38 mm)
Case Material:	ASA plastic, UV Resistant
Hardware:	Nut, lockwasher and gasket
Mounting Stud:	5/8" (16 mm) diameter feed thru
RM	3/4" long thread for 1/2" metal (19mm long for 12.7mm metal)
DM	3/4" long threads for 1/2" metal (19mm long for 12.7mm metal)
RM-DN	Direct N Jack (Female)
RM Mounting Option:	Pole & Wall Mount adapter, NT-MK
Pigtail Cable:	RF-195, 1 foot (305 mm)
Pigtail Connector:	SMA Plug (Male), use jumpers for longer installation
Jumper Cable:	Available in varying lengths
Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G TIA-329.2-C
IP Rating	DM2: IPx5, RM: IP69K