



Body Mount Antennas (Pat. Pnd.)



DM2 "Dome" Antenna
Single & Dual 2.4/5GHz

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. Access to the underside of the body surface is required to complete the installation. The antennas are outfitted with 1 foot (30 cm) of RF-195 cable & SMA male connector. Jumper cables for completing the installation are supplied separately, and use RF-195 low loss cable. Alternatively, a longer integral cable can be supplied upon request.

Antenna performance is 3 dBi typical with peak gain up to 5 dBi. No ground plane is required for proper operation. The antennas can even be mounted on fiberglass or plastic housing and meet specifications.

Mounts easily to roof, trunk or bulkhead

Ground plane independent omni configuration

Rugged ABS radome, stud mounts to
5/8" hole (16 mm diameter)

Low profile design provides watertight seal

The DM Series Low Profile "Dome" antenna radome consists of White (standard) or Black ABS UV resistant plastic and threaded feed thru. The bottom mounting plate is outfitted with a sealing gasket for a watertight seal. A mounting lock nut and washer are also supplied for securing both style of antennas.

DM2-2400/5500 DM2 Dualband 2.4 - 2.5/5 - 6 GHz

Antennas are supplied with standard 1 foot (305 mm) cable, but can also be outfitted with other lengths. Please specify radome color at time of order .

Specifications

Frequency:	See above	Hardware:	Nut, lockwasher and gasket
Gain:	DM2: 3 dBi, typical	Mounting Stud:	5/8" (16 mm) diameter feed thru
VSWR:	2:1 max over range	DM2:	3/4" long threads for 1/2" metal (19 mm long for 12.7 mm metal)
Operating Temp:	-40° to +85° C	Pigtail Cable:	RF-195, 1 foot (305 mm)
Nominal Impedance:	50 ohms	Pigtail Connector:	SMA male, use jumpers for longer installation
Maximum Power:	10 watts	Jumper Cable:	Available in varying lengths, please consult factory
DM2 Size:	3" diameter x 1.5" high (76 mm x 38 mm)	RM Series Option:	Pole & Wall Mount adapter
Case Material:	ABS plastic, UV Resistant		