

# DM2-3500

## PRODUCT OVERVIEW

The DM2-3500 Series is a low profile single element surface mount antenna used for Private LTE networks on 5G and CBRS (Citizen Band Radio Services) at 3.5 GHz. Mount this antenna to any vehicle, container, or bulkhead. The rugged style is excellent for industrial applications, yet attractive enough for consumer use. These antennas can be mounted on fiberglass or plastic housing and meet specifications.

Models are available in a stud mount (DM) or Mag Mount (MGD, dual band only). Access to the underside of the body surface is required to complete the installation. Jumper cables for completing the installation are supplied separately. Alternatively, a longer integral cable can be supplied upon request.

The bottom mounting plate has a sealing gasket for a watertight seal. A mounting lock nut and washer are also supplied. No ground plane is required. The antenna can even be mounted on fiberglass or plastic housing.

Visit our eStore to customize an Antenna Online.

Electrical Specifications	
Frequency & Gain	3.4 - 3.7 GHz , 2.5 dBi Max
VSWR	2:1 Max Over Range
Max Power Rating	10 Watts
Impedance	50 Ohm Nominal

Mechanical Specifications	
Radome Material/Color	White or Black ASA UV Inhibitive Pastic
Cable	LL-195, 1 ft ( 305 mm ), Jumpers or longer integral Sold Separately
Radome Dimension	2.85" diameter x 1.43" high ( 7.2cm x 3.6cm )
Weight	1 lbs ( .45 kg )
Connector	SMA Plug ( Male )
Surface Mounting	5/8" diameter (16 mm) feed thru for up to 3/8" thick sur. (9.5 mm), Lock Nut & Rubber Gasket Included ( Magnetic Mount Option Available )
Shock & Vibration	EN 61373, IEEE 1478, MIL-810G TIA-329.2-C
Operating Temperature	-40° to +85° C
Water Ingress	IPx5



## LOW PROFILE DOME ANTENNA

DM2-3500-3C-WHT-12

Approx Freq. |  
Cables/Connectors |  
Color |  
Cable Length in inches |

## HIGHLIGHTS:

- Covers CBRS
- Ground Plane Independent Omni Configuration
- Mounts Easily to Roof, Trunk or Bulkhead
- High Performance; High Gain
- Made-in-the-USA & UK

## RELATED MODELS:

- MGD-3500 ( Mag Mount )
- MRM3-3500 ( Micro Sized )
- SMD-3500 ( 2x or 3x MIMO )

## COMMON APPLICATIONS:

- CBRS & Private LTE Networks
- Cabinet Mounted
- Infrastructure & Industrial IoT
- Shipyards & Railroads
- Universities & Campuses



US Headquarters +1.847.671.6690  
US/CA Toll Free +1.800.648.2800  
European Facility +44.1543.459555

www.MobileMark.com