MobileMark
antenna solutions

DOD7-3500

MIMO OMNI-DIRECTIONAL ANTENNA

D O D 7 - 3 5 0 0 - 3 C 3 C 3 C - B L K

Gain
Aprox. Freq.
Cables/Connectors
Color

PRODUCT OVERVIEW

Mobile Mark's DOD7-3500 MIMO (Multiple-Input-MultipleOutput) Site Antennas provide three cable feeds, each with identical frequency coverage. Separate antenna elements are housed within a compact rugged radome. This antenna is ideal for CBRS & Private LTE Applications.

The three LL-195 cables exiting the base of the antenna are typically staggered at 9", 12" and 15" in length for easy handling during installation. Other cable lengths can be requested.

Lightening Protection is recommended for External Environments, but It is weatherproof and can withstand the harshest of conidtions.

A Mounting bracket is included allowing easy alignment. When Pole mounted, this antenna can be adjusted 360° around the pole.

Visit our eStore to customize an Antenna Online.

Electrical Specifications	
Frequency & Gain	3.4 - 3.7 GHz, 7 dBi
VSWR	2:1 Max Over Range
Isolation	20 dB Typical
Power Rating	25 Watts
Impedance	50 Ohm Nominal

Mechanical Specifications	
Radome Material/Color	Black Fiberglass
Beamwidth	Azimuth (Horizontal) 360° Composite Elevation (Vertical) 17°
Cables	three LL-195 Cables Staggered in 9", 12", & 15" lengths (22.86cm, 30.48cm, 38.1cm)
Radome Dimension	40 5/8" in Height (101.6 cm) 1" Diameter (2.54 cm)
Weight	3 lbs (1.36 kg) with Mounting
Connectors	SMA Male Plugs (Connector Varies)
Mounting Kit Included	3" (7.62cm) bracket with 1/4-20 U-bolt, Mounts Up to 2 1/2" OD Pipe (6.35cm)
Lightening Proection	DC Short, External Reommended
Water Ingress	IPX5
Operating Temperature	-40° to +80° C
Wind Survivability	125 min. MPH
Wind Loading	9.5 lbs @125 MPH

HIGHLIGHTS:

- Covers CBRS
- Omni-Directional
- High Performance; High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- BSM3500FS3BKT
  (Lower Profile, 5 dBi Gain)
- PS12-3500-60
  (Directional Sector, 12 dBi Gain)
- SCR10-3500
  (Compact Corner Reflector)

COMMON APPLICATIONS:

- CBRS & Private LTE Networks
- Cellular Bands 3.4 - 3.7 GHz
- Infrastructure & Industrial IoT
- Shipyards & Railroads
- Universities & Campuses

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