



Dual mounting brackets

DOD7 Omni-Directional Antennas

Omni-Directional MIMO Antenna, LTE

- Heavy duty infrastructure antenna
- Contains two broadband Cellular/LTE antenna elements
- 5 dBi gain lower band, 7 dBi on upper
- Dual heavy duty mounting brackets provided with the antenna

Mobile Mark's omni-directional MIMO DOD7-700/2700 offers a high gain, LTE solution. This model covers the entire range with a VSWR of less than 2:1.

With a MIMO system, the data is decoded and combined at the receive end. The net result is greater data throughput and improved bandwidth efficiency.

The DOD7 Series Omni-directional Antenna provides 5-7 dBi gain. The antenna measures just over 50" (128cm) tall, with a 2" (5.1cm) diameter radome and a 2.5" (6.3cm) diameter base.

The two separate antenna elements are housed within the rugged radome. The antenna terminates with two N Jack (Female) connectors located at the bottom of the antenna.

This antenna comes with all the hardware needed mount it to a pole. Mounting hardware consists of two heavy duty brackets that accommodate poles and pipes up to 2.5" (6.3cm) outside diameter.

This antenna is ideal for Cellular M2M applications in industrial settings or remote locations. It can also be used for network fill-in or as point-to-point network setup.

The antenna can handle a maximum power of 20 Watts and a minimum wind load of 200 mph (322 kph).

Model #	Frequencies
DOD7-700/2700-WHT	694-960 & 1700-2700 MHz

Specifications

Frequency:	694-960 MHz & 1700-2700 MHz	Operating Temp:	-40 to +80° C
Gain: 694-960 MHz 700-2700 MHz	5 dBi 7 dBi	Cable jumpers:	Available separately
VSWR:	<2:1 max over range	Lightning protection:	External recommended
Impedance: Max power:	50 Ohm (nominal) 20 watts	Dimensions:	50 1/2" (128 cm) H, Radome 2" (5.1cm) D, Aluminum body 2.5" (6.3cm) D
Beamwidth:	694-960 MHz / 25° Vertical 1700-2700 MHz / 20° Vertical	Material:	Fiberglass, White
Wind Survivability:	200 mph (322 kph) minimum with 1/2" (1.27 cm) radial ice	Mounting: provided	Two heavy duty mounting brackets
		Connectors:	Two N Jack connectors exit back of antenna