

# TMA-WB1

## PRODUCT OVERVIEW

Mobile Mark's TMA-WB1 Super Wideband antenna covers the entire 5G Sub-6 frequency band from 600-6000 MHz. The "6-2-6" antenna solutions make it possible to connect to any of the current or planned cellular frequency bands that reside at or below 6 GHz.

This super wideband antenna contains a single element covering 420 MHz - 6000 MHz (see Peak Gain Chart below for individual gains). This includes the new Band 71 at 617-698 MHz, CBRS at 3550-3700 MHz and LAA at 5-6 GHz. The TMA-WB1 can also be used for NB-IoT and LTE-M applications where the specific frequency band may vary from project to project.

The antenna measures 4.75" (12cm) tall by 3.77" (9.75cm) in diameter. It provides 3 dBi gain and can handle up to 300 watts of power. The TMA-WB1 can be used for fixed site installation or for mobile installations.

The TMA comes equipped with 1/4-20 tapped mounting holes. Which are 3/8" Max Depth in 2 places. These are 180 degrees apart on 2.75 B.C. This antenna is available with a N Jack Female connection.



Sub-6, 5G Ready, Heavy Duty Wideband Antenna

### PEAK GAIN CHART

420-968 MHz	5 dBi
698-1850 MHz	3 dBi
1850-2400 MHz	5 dBi
2400-3700 MHz	6 dBi
3700-4900 MHz	7 dBi
4900-6000 MHz	8 dBi

### Specifications

VSWR	2:1 or Less
Radome Material	UV Stabilized Polycarbonate
Color	Desert Sand
Nominal Impedance	50 ohms
Maximum Power	300 Watts
Connector	N Jack Female
Dimensions	4.75" (12cm) T x 3.77" (9.57cm) Dia.
Temperature	-40° C to +85° C
Shock & Vibration	IEEE 1478, EN 61373, MIL-STD-819G

### HIGHLIGHTS:

- Rugged Surface Mount
- Covers 420-6000 MHz
- Made-in-the-USA

### RELATED MODELS:

- RM-WB1  
( Less Coverage on Sub-6 5G)
- LTMWG944  
( Sub-6 5G ready Freq. Band)
- TMA-24A-302DT  
( Same Radome: Dif. Frequencies)

### COMMON MARKETS:

- Rugged Mobile Wireless Networking
- Fixed Site Installation or Mobile
- Settings Requiring constrained applications



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