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# GME AT4705B 4G Spring-Mount Bullbar Antenna, 700 to 2200 MHz, 1200mm

SKU
ANT-GM-00002
MPN
AT4705BA
Barcode
9319493293013

**Description**

Using the time-tested, rugged, mechanical design of the AE4700 series of UHF antennas in conjunction with an innovative PCB electrical circuit, the AT4705B sets a new benchmark for multiband cellular antennas in the Australian market.

This high performance and extremely durable 4G antenna provides long range connectivity across all mobile networks, Australia and abroad. It is designed as an identical twin to the highly popular AE4700 UHF bullbar antenna.

The AT4705B delivers excellent LTE coverage across existing mobile phone networks ensuring you always remain connected, even in areas with limited or poor cellular network coverage.

- Black Fibreglass Radome
- Heavy Duty Spring Base
- Ground Independent Design
- Pre-terminated SMA Connector

GME has been selected as the company's preferred range of high gain vehicle mounted antennas due to their extreme durability and 100% local Australian manufacturing.

The AT4705B provides consistent gain across its long range band, with good stability. For short range high speed data applications the antenna has an upper 1695 to 2200 MHz band in support of LTE-Advanced carrier aggregation.

Read More



**GME**

For more than 60 years, GME has been an industry leader in the communication technology space. GME remains a family owned operation and is proudly 100% Australian owned. GME takes immense pride in the quality of its products, they are designed to meet or exceed not only Australian but International CE, FCC and Cospas-Sarsat standards, as required.

Located in Sydney’s west, GME operates from its ...

# RF Specification

Start Frequency
694 MHz
Stop Frequency
2200 MHz
Max. Input Power
10 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

| Ports | RF Interface | Body Shape | Cable Series | Length |
|---|---|---|---|---|
| 1 | SMA Male | Straight | RG-58 | 4500 mm |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR | Azimuth | Elevation |
|---|---|---|---|---|---|
| 694 MHz | 960 MHz | 5 dBi | < 2.5:1 | 360° | 30° |
| 1695 MHz | 2200 MHz | 2.5 dBi | < 2.5:1 | 360° | 90° |

# Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
65 °C
Dimensions
1200 x 60 x 60
Materials
Aluminium, Fibreglass (GRP)
Mounting
M14 Stud

Weight
1.75 kg

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