Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

GME AT3700B 4G-5G Multi-band Cellular Antenna, 690 to 3800 MHz, 915mm

SKU
ANT-GM-00028
MPN
AT3700B

Description

The new AT3700B Cellular antenna has been designed to meet the needs of a range of customers including 4WD, agriculture and heavy vehicle users.

Covering the 690-960 / 1710-2170 / 2300-2700 / 3400-3800MHz bands, the AT3700B is a true Multi-band cellular antenna that is 5G ready.

The AT3700B is ground-independent, lightweight and has an overall length of 915mm making it perfect for either bracket or bull bar mounting. The AT3700B is fitted with a 4.5 metre coax cable that is pre-terminated with a SMA connection, ensuring vehicle installation and connection to a cellular booster is quick and simple.

The AT3700B delivers excellent LTE coverage across existing mobile phone networks ensuring you always remain connected, even in areas with limited or poor cellular network coverage.

- 16mm Parallel Black Fibreglass Radome
- Medium Duty Spring Base
- Ground Independent Design
- 5G Ready
- Pre-terminated SMA Connection
- Frequency Range - 690-960 / 1710-2170 / 2300 ...

Read More

The GME AT3700B 4G-5G Multi-band Cellular Antenna is a versatile solution for various applications, including 4WD, agriculture, and heavy vehicles. Operating across 690-960 MHz, 1710-2170 MHz, 2300-2700 MHz, and 3400-3800 MHz frequencies, this antenna is ready for 5G networks, ensuring reliable connectivity even in areas with challenging network coverage.

The AT3700B features a ground-independent design, making it adaptable for different mounting options such as brackets or bull bars. Its 915mm fibreglass radome construction provides durability and a medium-duty spring base adds resilience, ideal for rugged environments. The antenna includes a 4.5m pre-terminated coax cable with an SMA connection, simplifying installation and integration with cellular boosters.

With a nominal gain ranging from 4.5 to 6.5 dBi and vertical polarisation, the AT3700B ensures optimal signal strength and coverage. Proudly Australian-made, GME maintains high...

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

Cable 1: 4G-5G

Start Frequency
690 MHz
Stop Frequency
3800 MHz
Max. Input Power
10 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

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

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
690 MHz	960 MHz	6.5 dBi	< 2:1	360°
1710 MHz	2170 MHz	6.5 dBi	< 2:1	360°
2300 MHz	2700 MHz	6 dBi	< 2:1	360°
3400 MHz	3800 MHz	4.5 dBi	< 2:1	360°

Physical Specification

Subtype
Whip
Input Ports
1
MIMO
1x1 SISO
Dimensions

915
Materials
Fibreglass (GRP)
Weight
0.81 kg
Compliance/Certifications
ISO 9001 Quality Management

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

