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GME AE3700B UHF Antenna, 477 MHz, 915mm

SKU
ANT-GM-00029
MPN
AE3700B

Description

The new AE3700B UHF CB antenna has been designed to meet the needs of a range of customers including 4WD, agriculture and heavy vehicle users.

The AE3700B is ground-independent, lightweight and has an overall length of 915mm making this antenna perfect for either bracket or bull bar mounting. The 6.6dBi gain is the perfect antenna for all-round performance.

The AE3700B is fitted with a 4.5 metre coax cable that is pre-terminated with a FME connection, ensuring vehicle installation and connection to a UHF CB radio is quick and simple.

- 16mm Parallel Black Fibreglass Radome
- Medium Duty Spring Base
- Ground Independent Design
- Pre-terminated FME Connection
- Nominal Gain - 6.6 dBi

The GME AE3700B UHF Antenna, designed for 4WDs, agricultural machinery, and heavy vehicles, offers exceptional performance with its ground-independent design and 6.6 dBi nominal gain. Its 915 mm length and lightweight construction make it suitable for both bracket and bull bar mounting. Constructed from durable fibreglass and stainless steel, this whip antenna ensures reliability across demanding environments.

Installation is straightforward due to the pre-terminated FME connection on the 4.5-metre RG-58 coaxial cable, facilitating seamless integration with UHF CB radios. Operating at 477 MHz, it supports up to 25 W of input power with a 50 Ω impedance, delivering robust RF performance with a VSWR of less than 1.5:1 and a full 360° azimuth beamwidth. The medium-duty spring base adds resilience, accommodating dynamic vehicle movement without compromising signal integrity.

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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

UHF

Start Frequency
477 MHz
Stop Frequency
477 MHz
Max. Input Power
25 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Cable Series	Length
1	FME Female	RG-58	4500 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
477 MHz	477 MHz	6.6 dBi	< 1.51:1	360°

Physical Specification

Subtype
Whip
Input Ports
1
MIMO
1x1 SISO
Dimensions
915
Materials
Fibreglass (GRP), Stainless Steel (304)
Weight
0.81 kg
Compliance/Certifications
ISO 9001 Quality Management

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