



# AE3000

DIGITAL ANTENNA



- **Active DVB-T digital TV antenna.**
- **Built-in amp (20 dB gain).**
- **Compact slim design.**
- **Weather resistant UV stabilised housing.**
- **Versatile mounting options.**
- **LED power on indicator.**

The GME AE3000 is a dual loop active broadband digital TV antenna designed specifically for marine and mobile use.

This unique broadband antenna ensures good balanced reception on all digital free-to-air TV channels. The AE3000 will also provide reception for available analogue free-to-air TV channels that are within its frequency range (refer to specifications).



**Suitable for  
use on boats,  
caravans  
& RVs**

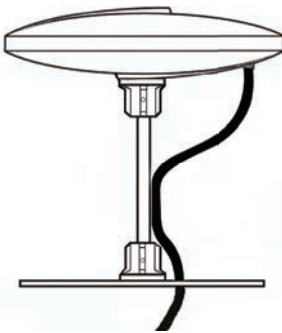
Unlike traditional TV antennas the AE3000 is omni directional so it will continue to provide good reception if your vessel changes course or swings at anchor. For land use this means that there is no requirement to aim the antenna at each new site or when switching between stations located in different directions.

The AE3000 has a built-in amplifier using the latest technology to ensure low noise and minimum interference from strong local signals.

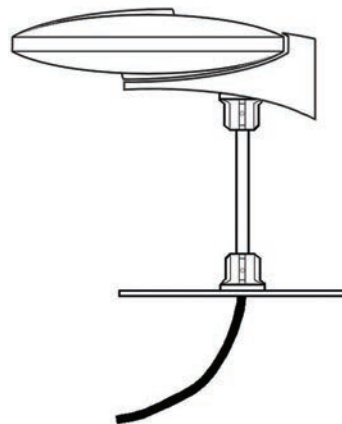
The antenna and amplifier are mounted in a weatherproof plastic radome. The radome is UV stabilised to resist the effects of long term exposure to sunlight. All screws and bolts are high grade stainless steel to resist corrosion in the harsh marine environment. The antenna is fed by a 10 metre length of high quality coax cable which carries 12V DC to power the in-built amplifier and feeds signals from the antenna to the TV receiver.

## MULTIPLE MOUNTING OPTIONS

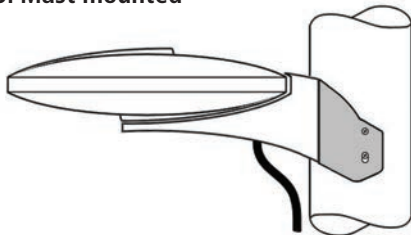
1. Pole mounted – Centre



2. Pole mounted – Offset



3. Mast mounted



## AE3000 SPECIFICATIONS

### General

Antenna Type	Dual loop
Frequency Range	Free-to Air digital TV band 174 – 860 MHz
Polarisation	Horizontal
Reception Pattern	Omni directional
Amplifier	Low noise GaAs MESFET
Gain	20 dB +/- 0.5 dB
Noise Figure	>2 dB
Output Impedance	75 Ohms
Injector	PIK3000
Supply Voltage	10.5 – 14.5V DC negative ground
Current Consumption	120 mA (typical)
Protection	Reverse polarity and surge
Connector	Standard 'F' type
Down Lead	10 metres RG6/U with connectors
Radome	White ABS UV stabilised plastic alloy, 280 mm diameter, 55 mm high.
Mounting	Accepts 25 mm (1") standard diameter tube. 350 mm (13.8") alloy pole and base supplied. Also includes mast mount bracket for masts up to 100 mm (3.9") diameter.

Specifications are typical and are subject to change without notice or obligation.

## SUPPLIED WITH

- > Antenna radome
- > 10 m coax cable
- > Connection and mounting hardware
- > 350 mm (13.8") pole for deck mounting
- > Bracket for mast mounting
- > Power injector

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