

 PREVIOUSLY KNOWN AS THE AIS-GPA-X



ANTENNAS & AERIALS

AV300 FIBREGLASS VHF ANTENNA WITH UNIVERSAL BASE

SKU: 001-1046

[View Online >](#)

OVERVIEW

This Commercial Marine VHF Antenna is made from a GRP fibreglass construction, capable of withstanding the worst elements at sea or on land. All the antennas in this series offer excellent bandwidth/VSWR characteristics within the frequency range of 156 – 162 MHz. All antennas in this series are suitable for GMDSS installations.

APPLICATIONS

- Installation on board commercial vessels
- Shoreside monitoring stations where a rugged AIS antenna is critical

RELATED PRODUCTS

[AV100](#) - Stainless Steel Whip Antenna

[AV400](#) - Commercial Antenna for AIS

[AG100](#) - GPS Antenna

FEATURES

- **White, tapered fibreglass tube**
- **Cast aluminium integral base with whiteglass finish and 'U' bolts**
- **Mounts on both horizontal and vertical poles**
- **10m RG-58 cable with BNC connector**

| PHYSICAL | |
|----------------------|--|
| Weight: | 570 g approx. Shipping weight: 900 g approx. |
| Dimensions: | 1.1m total length |
| Mounting: | Horizontal / Vertical Pole* |
| Construction: | GRP Fiberglass, brass element |

| ELECTRICAL | |
|---------------------------|------------------------------------|
| Antenna Impedance: | 50 Ω |
| Polar Radiation: | 360° Omnidirectional |
| Polarization: | Vertical |
| Power Rating: | 150w |
| Cable: | 10m RG-58 cable with BNC connector |
| Connections: | BNC connector |

| OPERATIONAL | |
|-------------------------|----------------------------------|
| Frequency range: | Spot freq set between 156-162MHz |
| Gain: | 3dBi |
| VSWR: | <1.5:5 at resonant point |
| Bandwidth: | +/- 5% @ 2:1 |

| ADDITIONAL | |
|---|--|
| * Supplied complete with pole mounting bracket & 10m RG-58 cable with BNC connector | |



Copyright © 2020 Comar Systems Ltd. - AV300 Datasheet v06r03

Vittlefields Technology Centre, Forest Road, Newport, Isle of Wight, United Kingdom. PO304LY
Comar Systems Ltd. reserves the right to make changes to its products and specifications without prior notice.