CELmar1-1

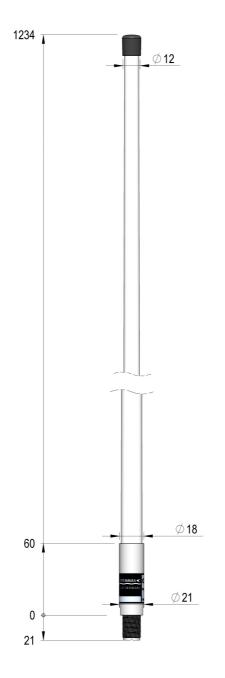
100003-P

Marine and Land Based Light-Weight VHF Antenna. Tx/Rx. 100W 0 dBd. UHF female. Packed in plastic

This is a high quality fibreglass omnidirectional antenna for marine and land based solutions. Suitable for rail and mast mounting. The antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper. The antenna is manufactuted using crimping technology giving the antenna a 4-5 times stronger build-up. The antenna has the same rugged design as all other AC Antennas products thus it withstand harsh environmental conditions, both on sea and land.

lanu.	
Short description	
Product group	VHF
Design	Coaxial dipole
Pattern	Omnidirectional
Electrical specifications	
Frequency range [MHz]	A: 149.0-162.5 / B: 88-108 / C: 160-250
Bandwidth [MHz]	13.5 / 20 / 90
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	A: 100 B+C: Receive only
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	A: <1.5:1 B+C: Rx only
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	Yes
Connector	UHF-Female
Mechanical specifications	
Length [m/ft]	1.27 / 4.17
Sections	1
Weight [kg/lbs]	0.40 / 0.90
Survival Wind Speed [km/h / m/s / mph]	160 / 44 / 100
Wind Area [m2/ft2]	0,01845 / 0,1986
Wind Load @ 160km/h [N]	27
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-55 to +60 / -67 to +140
Ingress Protection	IP66
Thread	5/8"-24TPI male / -
Mounting	No mount included

AC Antennas A/S · Fabriksparken 40 · DK-2600 Glostrup · Denmark · Tel: +45 4581 0413 acantennas@acantennas.com · www.acantennas.com AC ANTENNAS <



AC Antennas A/S · Fabriksparken 40 · DK-2600 Glostrup · Denmark · Tel: +45 4581 0413 acantennas@acantennas.com · www.acantennas.com

Specifications subject to change without further notice. The information in this document does not form part of any quotation or contract.

Nov 20, 2023 - Page 2