

# CELmar4

100009-P

Marine and Land Based Light-Weight VHF Antenna. Tx/Rx. 100W  
0 dBd. 6m/20ft RG58 cable. Ferrule. Packed in plastic

This is a heavy duty omnidirectional sailboat antenna. It is manufactured in premium quality materials in order to prevent galvanic corrosion. The antenna chrome brass ferrule fits 1"-14TPI thread mounts. The antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

## Short description

Product group	VHF
Design	Coaxial dipole
Pattern	Omnidirectional

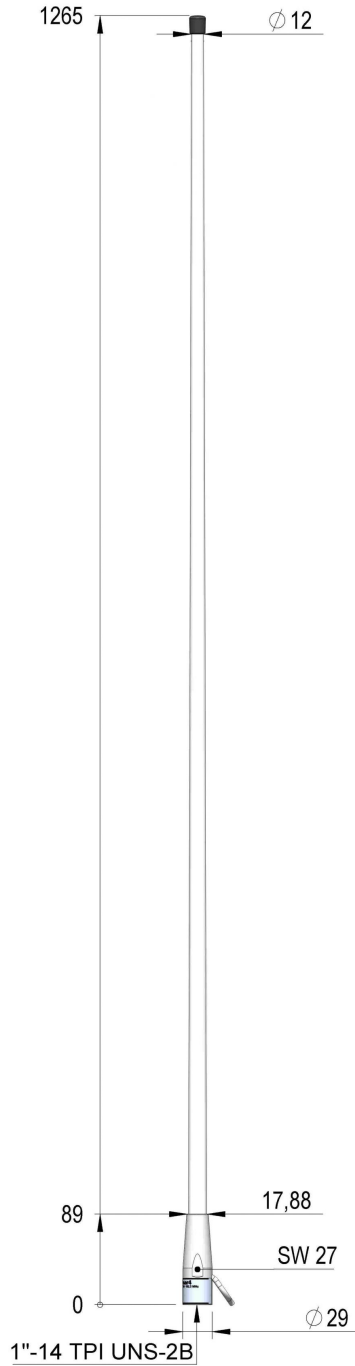
## Electrical specifications

Frequency range [MHz]	A: 146.0-162.5 / B: 88-108 / C: 160-250
Bandwidth [MHz]	16.5 / 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	6m/20ft RG58

## Mechanical specifications

Length [m/ft]	1.26 / 4.14
Sections	1
Weight [kg/lbs]	1.25 / 2.78
Survival Wind Speed [km/h / m/s / mph]	200 / 55 / 124
Wind Area [m2/ft2]	0.0193 / 0.2078
Wind Load @ 160km/h [N]	28
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-55 to +60 / -67 to +140
Ingress Protection	IP66
Thread	1" 14TPI female ferrule / -
Mounting	





AC Antennas A/S | Fabriksparken 40, DK-2600 Glostrup, Denmark  
Phone: +45 4581 0413 | [acantennas@acantennas.com](mailto:acantennas@acantennas.com) | [www.acantennas.com](http://www.acantennas.com)

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