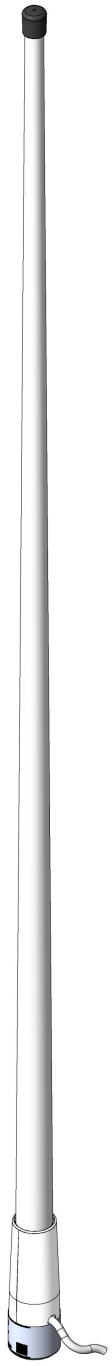
CELmar2-1

100005-P

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



This antenna is a high quality fibreglass omnidirectional antenna for marine and land based solutions, equipped with 6m/20ft RG58C/U cable. The antenna 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 manufactuted 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: 156.0-162.5 / B: 88-108 / C: 160-250
Bandwidth [MHz]	6.5 / 20 / 90
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	A: 100 B+C: Receive only
Gain [dBd/dBi/Marine dB]	B: 0 / B: 2.15 / B: 3
VSWR	A: <1.5:1 B+C: Rx only
Polarisation	Vertical
DC Shorted	No
DC Grounded	No
Connector	6m/20ft RG58

Mechanical specifications

Length [m/ft]	1.04 / 3.40
Sections	1
Weight [kg/lbs]	0.60 / 1.35
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]	-40 to +60 / -40 to +140
Ingress Protection	IP66
Thread	1" 14TPI female ferrule / -
Mounting	

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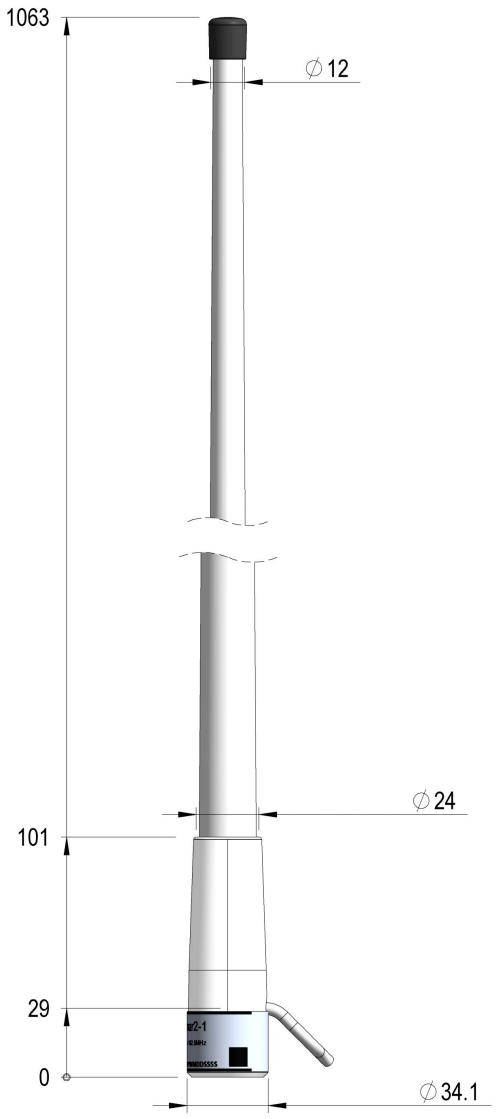
Specifications subject to change without further notice. The information in this document does not form part of any quotation or contract.



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