

## CELmar3-1

130000-P

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

This is a light weight omni-directional 3 dBd high gain antenna. It is equipped with a 6m/20ft RG58C/U cable. The ferrule fits directly onto 1" 14TPI thread. In many countries, it is the mariner's favorite due to its excellent performance and dependability. Best antenna in both gain and pattern. This is an omnidirectional dipole antenna manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of brass. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. The antenna is always subject for improvement. The antenna has the same rugged design as all other AC Antennas products...

### Short description

Product group	VHF
Design	Collinear 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/Marine dB/dBi]	B: 3 / B: 5.15 / B: 6
VSWR	A: <1.5:1 B+C: Rx only
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	No
Connector	6m/20ft RG58

### Mechanical specifications

Length [m/ft]	2.70 / 8.86
Sections	1
Weight [kg/lbs]	0.90 / 2.00
Survival Wind Speed [km/h / m/s / mph]	200 / 55 / 124
Wind Area [m2/ft2]	0.0365 / 0.3929
Wind Load @ 160km/h [N]	53
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-40 to +60 / -40 to +140
Ingress Protection	IP66
Thread	1" 14TPI female ferrule / -
Mounting	



