

## CELmar0-1

### Marine and Land Based VHF and DAB/FM antenna.

CELmar0-1 is a stainless steel omnidirectional antenna for marine and land based solutions. The CELmar0-1 is manufactured in premium quality materials to prevent galvanic corrosion. The antenna is suitable for rail or mast mounting.

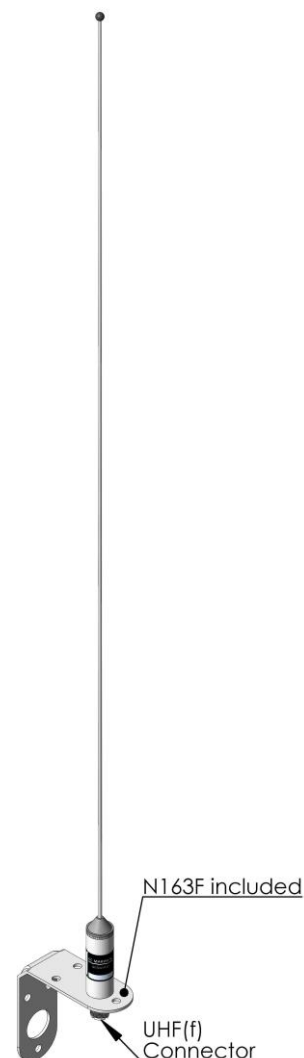
CELmar0-1 has been sold worldwide through more than two decades. The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

#### Electrical specifications

Frequency range (MHz)	A: 156.0-162.5 B: 160-250 (DAB) C: 88-108 (FM)
Nominal impedance (ohm)	50
VHF power rating (Watt)	100
Gain (dBd/Marine dB)	A: 0/3
VSWR	A: < 1.5:1
Polarization	Vertical
Connector	UHF-female
DC-shorted	No

#### Mechanical specifications

Length (m/ft)	1.0/3.3
Weight (kg/lbs)	0.36/0.8
Wind rating (m/s / mph)	45/101
Material	Stainless Steel
Colour	Steel grey
Temperature range (°C/°F)	-55 to +60 / -67 to +140
Ingress Protection	IP66



## Mounting

N163F angle mast mount in SS is included.

CELmar0 has 5/8" - 24 TPI thread.

## Ordering information

CELmar0: Packed in plastic bag. CELmar0 antenna only.

CELmar0-1: Packed in plastic bag. CELmar0 antenna including N163F mount.

CELmar0-10: Packed in tube. CELmar0-1 including 20m RG58 cable w. UHF-male connector.

CELmar0-11: Packed in plastic bag. CELmar0-1 including 20m RG58 cable w. UHF-male connector.

CELmar0T: Packed in plastic bag. CELmar0T tunable antenna only.