

CELmar3-1

Marine and Land Based VHF and DAB/FM Antenna

CELmar3-1 is a lightweight fibreglass omnidirectional antenna. The CELmar3-1 is manufactured in premium quality materials to prevent galvanic corrosion. The antenna ferrule fits 1"-14TPI thread mounts directly. Mariner's favorite in many countries due to its excellent performance and dependability. Best antenna in both gain and pattern.

CELmar3-1 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: 3/6
VSWR	A: < 1.5:1
Polarization	Vertical
Connector	6m/20ft RG58C/U Cable
DC-shortcd	Yes

Mechanical specifications:

Length (m/ft)	2.7/8.9
Weight (kg/lbs)	0.82/1.8
Wind rating (m/s / mph)	45/101
Material	Fibreglass
Colour	Polyurethane lacquer
Temperature range (°C/°F)	-40 to +60 / -40 to +140
Ingress Protection	IP66



Mounting

No mounting included.

1" 14TPI ferrule base.

Fit with all AC Antennas 1" 14TPI standard mounting equipment.

Recommend N200F supporting the antenna radome (to be ordered separately).

CELmar3 Ordering Information

CELmar3-1: CELmar3 with 6m RG58 cable included. Packed in a plastic bag.

CELmar3-2: CELmar3 with 18m RG58 cable included. Packed in a plastic bag.

CELmar3-10: CELmar3 with 6m RG58 cable included. Packed in a tube.