

CELmarVHF

100010-P

Marine and Land Based Light-Weight VHF Antenna. Tx/Rx. 100W
0 dBd. N163F. Packed in plastic

This is an omnidirectional antenna for marine and land based solutions. It is an extremely flexible fibreglass whip antenna. Suitable for rail and mast mounting. Mast mount N163F is included. The antenna has the same rugged design as all other AC Antennas products thus it withstand harsh environmental conditions, both on sea and land.

Short description

Product group	VHF
Design	Coaxial dipole
Pattern	Omnidirectional

Electrical specifications

Frequency range [MHz]	156.0-162.5
Bandwidth [MHz]	6.5
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	100
Gain [dBd/Marine dB/dBi]	0 / 2.15 / 3
VSWR	B: <1.5:1
Polarisation	Vertical
DC Shorted	No
DC Grounded	Yes
Connector	UHF-Female

Mechanical specifications

Length [m/ft]	1.00 / 3.30
Sections	1
Weight [kg/lbs]	0.40 / 0.90
Survival Wind Speed [km/h / m/s / mph]	160 / 45 / 100
Wind Area [m2/ft2]	- / -
Wind Load @ 160km/h [N]	-
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-55 to +60 / -67 to +140
Ingress Protection	IP66
Thread	5/8"-24TPI male / -
Mounting	Mount included