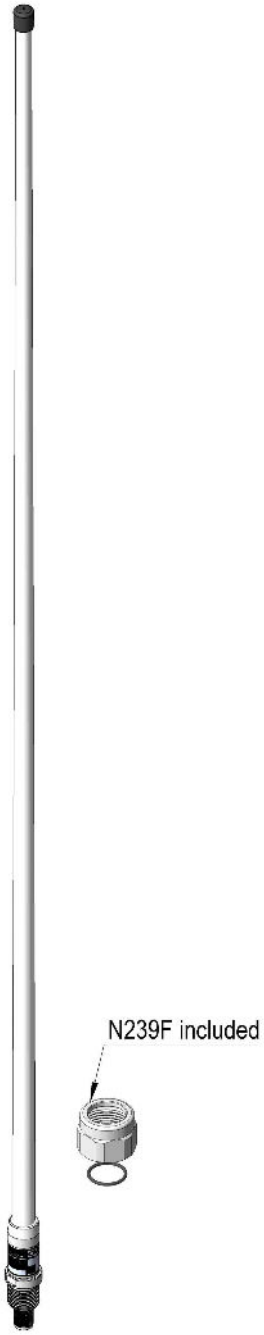
CX4-1

100012-T

Marine and Land Based VHF Antenna. Tx/Rx. 150W
0 dBd. N female. N239F. Packed in a tube

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 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]	146.0-162.5
Bandwidth [MHz]	16.5
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	150
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	Yes
Connector	N-Female

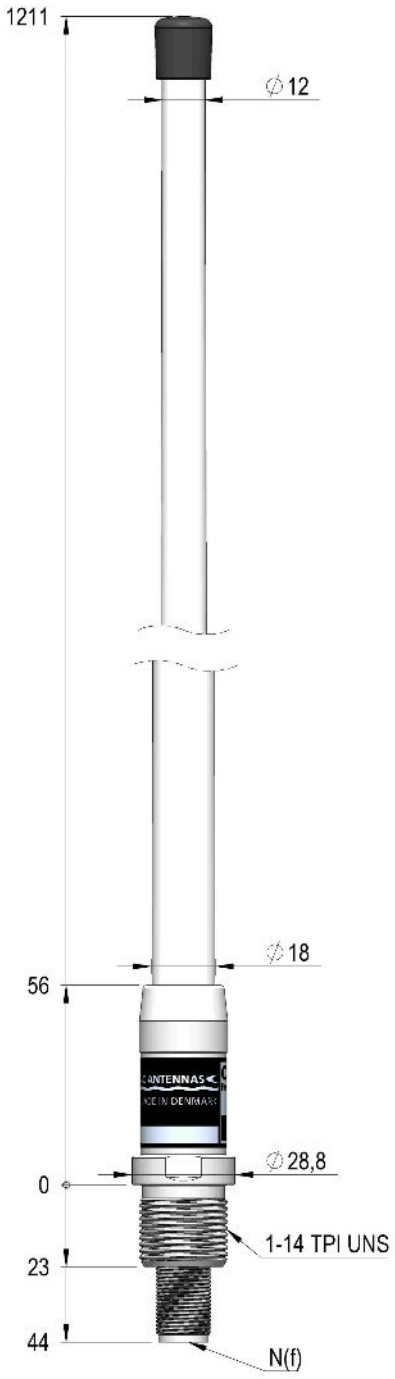
Mechanical specifications

Length [m/ft]	1.26 / 4.14
Sections	1
Weight [kg/lbs]	0.50 / 1.10
Survival Wind Speed [km/h / m/s / mph]	200 / 55 / 124
Wind Area [m2/ft2]	0.0186 / 0.2002
Wind Load @ 160km/h [N]	27
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-55 to +70 / -67 to +158
Ingress Protection	IP68
Thread	1" 14TPI male / ISO 228/1-G1 female
Mounting	Mounting Nut included

AC Antennas A/S | Fabriksparken 40, DK-2600 Glostrup, Denmark
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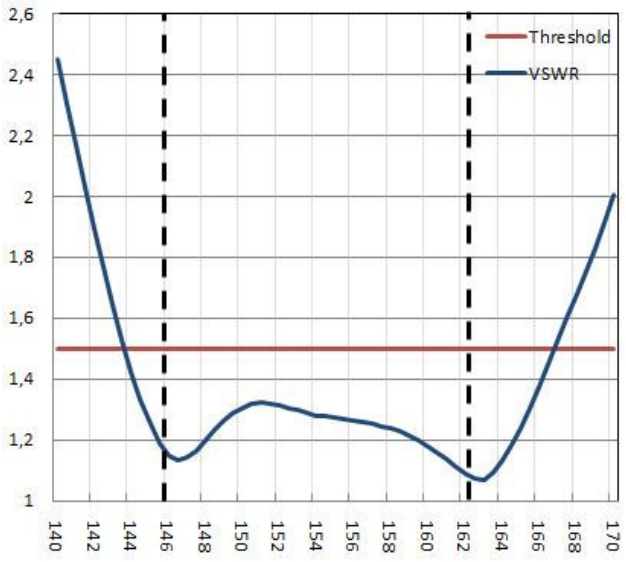
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VSWR

Voltage standing wave ratio is a measure of the energy lost in the coax cable/antenna connection. The figure to the right shows VSWR measurement based on the average of a significant numbers of antennas. All antennas delivered by AC Antennas are tested and the VSWR is guaranteed in the specified frequency range.



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