

# CX3 5/8-1

130003-T

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

This antenna is a heavy duty collinear omnidirectional antenna with 3 dBd gain, the favourite antenna for the professional market. Swivel nut N239F is included. It is manufactured in premium quality materials in order to prevent galvanic corrosion. The 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	Collinear 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]	150
Gain [dBd/dBi/Marine dB]	3 / 5.15 / 6
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	Yes
Connector	N-Female

## Mechanical specifications

Length [m/ft]	2.63 / 8.63
Sections	1
Weight [kg/lbs]	0.60 / 1.32
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	IP68
Thread	1" 14TPI male / ISO 228/1-G1 female
Mounting	Mounting nut included



