

## CXU1

300000-T

Marine and Land Based UHF Antenna. Tx/Rx. 100W

0 dBd. N female. N239F. Packed in a tube.

This is an omnidirectional dipole antenna. The antenna is for use with radio telephone, two-way business radio and many other UHF applications. This antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of brass. The swivel nut N239F is included for installation on 1 1/4" 11TPI mounts. 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	UHF
Design	Coaxial dipole
Pattern	Omnidirectional

### Electrical specifications

Frequency range [MHz]	450.0-470.0
Bandwidth [MHz]	20
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	100
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]	0.85 / 2.80
Sections	1
Weight [kg/lbs]	0.50 / 1.10
Survival Wind Speed [km/h / m/s / mph]	160 / 44 / 99
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	1" 14TPI male / 1 1/4" 11TPI female
Mounting	Mounting nut included