



## CXU1-0

### UHF Marine Antenna

CXU1-0 is an omnidirectional antenna. The antenna is for use with radio telephone, two-way business radio and many other UHF applications. The CXU1-0 is manufactured in premium quality materials in order to prevent galvanic corrosion. The radiating elements are made of brass.

CXU1-0 is sold worldwide during more than four decades. The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Marine antennas thus it withstands harsh environmental conditions.

#### Electrical specifications:

|                         |                                      |
|-------------------------|--------------------------------------|
| Frequency range (MHz)   | $F_c$ within 390.0-460.0 (20MHz BW)* |
| Nominal impedance (ohm) | 50                                   |
| VHF power rating (Watt) | 100                                  |
| Gain (dBd/Marine dB)    | 0/3                                  |
| VSWR                    | < 1.5:1                              |
| Polarization            | Vertical                             |
| Connector               | N-female                             |
| DC-shorted              | Yes                                  |

\*:  $F_c$  to be specified.

#### Mechanical specifications:

|                           |                            |
|---------------------------|----------------------------|
| Length (m/ft)             | Max 1.13/3.5               |
| Weight (kg/lbs)           | Max 0.6/1.3                |
| Wind rating (m/s / mph)   | 45/101                     |
| Material                  | Fibreglass                 |
| Colour                    | White polyurethane lacquer |
| Temperature range (°C/°F) | -40 to +60 / -40 to +140   |



#### Mounting:

N240F mount included.

Can be used with all standard AC Marine mounting equipment.