

## KUM731

273100-P

Marine and Land Based MF/HF Antenna. Tx/Rx. 1000W

7m. 3 sections. Wire installation. Ferrule. Packed in a plastic bag

This antenna is a 3-section omnidirectional side-fed antenna for automatic tuned HF/SSB systems. The high quality makes this antenna perfect for both leisure and commercial vessels. The antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. Installation by means of the integrated 1" 14TPI ferrule. This 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 | HF/SSB          |
| Design        | Wire antenna    |
| Pattern       | Omnidirectional |

### Electrical specifications

|                             |                        |
|-----------------------------|------------------------|
| Frequency range [MHz]       | 1.4-30                 |
| Bandwidth [MHz]             | 28.6                   |
| Max. Input Power [Watt]     | 1000 PEP               |
| Max. HF Voltage [Kv]        | 9                      |
| Insulation Resistance [Ohm] | >10 E9                 |
| Static Capacitance [pF]     | 80                     |
| Polarisation                | Vertical               |
| DC Shorted                  | No                     |
| DC Grounded                 | No                     |
| Connector                   | Side Feed Bolt M8x1.25 |

### Mechanical specifications

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Length [m/ft]                          | 7.00 / 23.00                       |
| Sections                               | 3                                  |
| Weight [kg/lbs]                        | 3.20 / 7.10                        |
| Survival Wind Speed [km/h / m/s / mph] | 200 / 44 / 124                     |
| Wind Area [m2/ft2]                     | 0.1102 / 1.1862                    |
| Wind Load @ 160km/h [N]                | 160                                |
| Material                               | Fibreglass                         |
| Colour                                 | White                              |
| Operating Temperature Range [°C/°F]    | -55 to +60 / -67 to +140           |
| Ingress Protection                     | IP66                               |
| Thread                                 | 1" 14TPI female ferrule / -        |
| Mounting                               | 1" 14TPI female ferrule integrated |



