

## KUM480-1

248001-P

Marine and Land Based MF/HF Antenna. Tx/Rx. 500W  
4.8m. 2 sections. Coax installation. For mast mount. Packed in a plastic bag

This antenna is a 2-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 N095F-SET.. 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]     | 500 PEP                        |
| Max. HF Voltage [Kv]        | 9                              |
| Insulation Resistance [Ohm] | >10 E9                         |
| Static Capacitance [pF]     | 55                             |
| Polarisation                | Vertical                       |
| DC Shorted                  | No                             |
| DC Grounded                 | Yes                            |
| Connector                   | Side Feed Direct Coax Terminal |

### Mechanical specifications

|  |   |
|--|---|
| Length [m/ft]                          | 4.80 / 15.75                                  |
| Sections                               | 2   |
| Weight [kg/lbs]                        | 1.90 / 4.20                                   |
| Survival Wind Speed [km/h / m/s / mph] | 200 / 44 / 124                                |
| Wind Area [m2/ft2]                     | 0.0682 / 0.7341                               |
| Wind Load @ 160km/h [N]                | 99  |
| Material                               | Fibreglass                                    |
| Colour                                 | White   |
| Operating Temperature Range [°C/°F]    | -55 to +60 / -67 to +140                      |
| Ingress Protection                     | IP66  |
| Thread                                 | / -   |
| Mounting                               | For mast mount<br>N095F-SET, order separately |



