# UHF44A/B/C/D

## 3 dB UHF Ultra-Wide Band Fiberglass Antenna 0,64 m (4 versions)

The UHF44 is a lightweight broadbanded UHF omnidirectional maritime antenna.

- Specified antenna for TETRA and ISM.
- 4 standard band versions covering 330 – 510 MHz.
- End-fed full 1/2 coaxial dipole antenna design.
- Full omni-directional radiation pattern.
- DC-grounded (DC-short).
- No groundplane required.

## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| Frequency | 330 - 380 MHz, 380 - 430 MHz, 420 - 470 MHz, 460 - 510 MHz (A/B/C/D) |
| Bandwidth | 50 MHz |
| Antenna Type | Broadband Half Wave Dipole |
| Impedance | 50 ohm |
| VSWR | A: <1.8:1, B/C/D: <1.5:1 |
| Polarisation | Vertical |
| Gain | 3 dB, 0 dBd, 2.15 dBi |
| Radiation Pattern | Omnidirectional (Horizontal) |
| Half Power Beamwidth | 80° |
| Max. Input Power | 200 W |
| Antistatic Protection | Direct Ground |


Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Color | White and chrome |
| Length | Approx. 640 mm |
| Wieght | Approx. 350 g |
| Mount Type | On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets |
| Mounting Place | Mast or deck |
| Materials | PU-painted fibreglass, POM, copper, brass and chrome |
| Survival Wind Speed | 55 m/s |
| Operating Temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2) |
| Connector | N-female |
| Ingress Protection | IP66 |
| Vibration | IEC 60068-2-6, IEC 60068-2-64 |
| Serial No. | On product label |

## ORDERING INFORMATION

| | |
|---|---|
| 14044-001A/B/C/D | Individually packing in Polybag |
| 14044-002A/B/C/D | Individually packing in Carton tube |
| 14044-431A/B/C/D | If 1" Revolving Nut Kit is needed together with antenna for kit in Polybag |
| 14044-432A/B/C/D | If 1" Revolving Nut Kit is needed together with antenna for kit in Carton tube |

## PACKAGING INFORMATION

| | |
|---|---|
| Type | See "Part No." |

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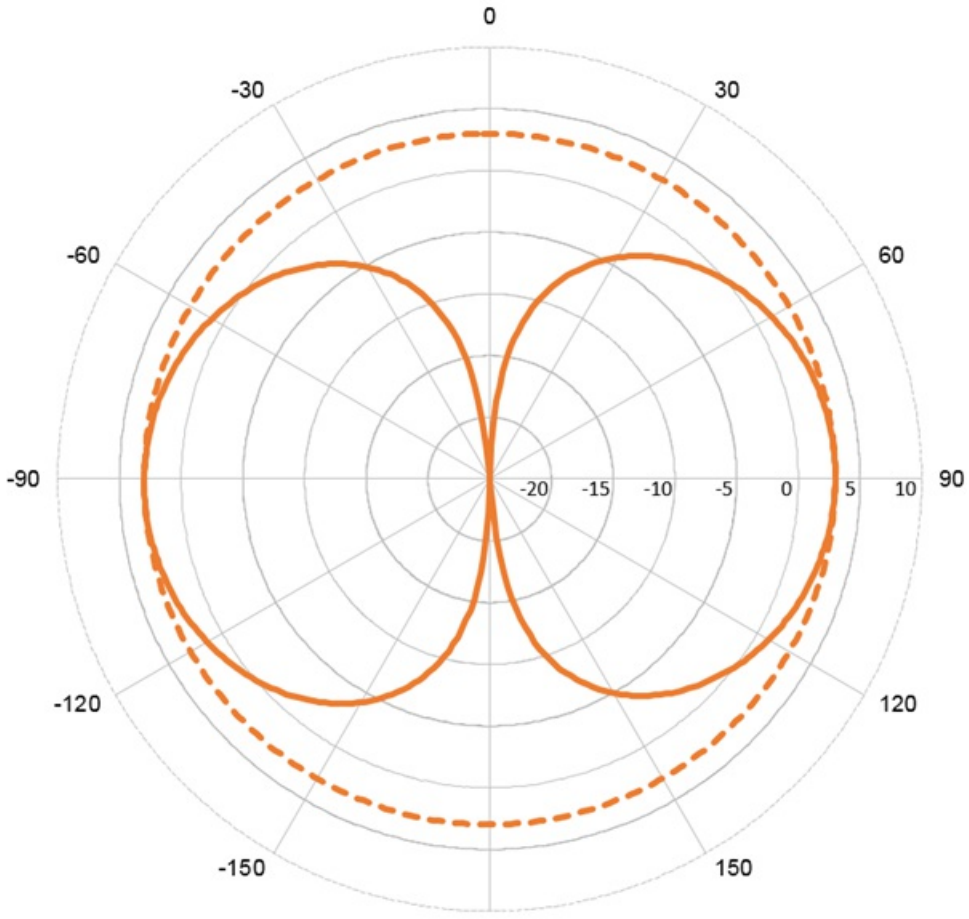


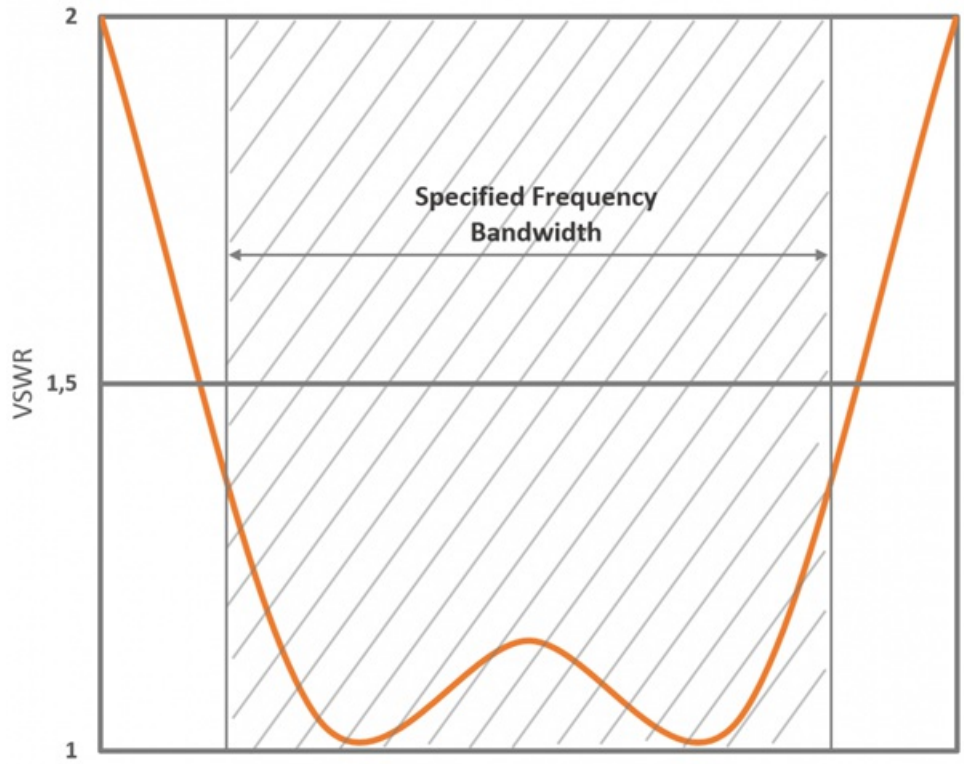



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