

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



Datasheet

2 / 4

MECHANICAL SPECIFICATIONS

Color	White and chrome
Length	Approx. 640 mm
Weight	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

14044-000A	330-380 MHz, Antenna only - bulk packing
14044-000B	380-430 MHz, Antenna only - bulk packing
14044-000C	420-470 MHz, Antenna only - bulk packing
14044-000D	460-510 MHz, Antenna only - bulk packing
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."
------	----------------





