

UHF46A/B/C/D

6 dB UHF Fibreglass Antenna 1.34-1.54 m (4 versions)

- Specified antenna for TETRA or ISM
- 4 standard band versions
- End-fed full $1/2 \lambda$ coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

ELECTRICAL SPECIFICATIONS

Frequency	380 - 400 MHz, 410 - 430 MHz, 430 - 450 MHz, 450 - 470 MHz
Bandwidth	20 MHz
Impedance	50 ohm
Vswr	<1.5
Polarisation	Vertical
Gain	6 dB (Marine), 3 dBd, 5.1 dBi
Max. Input Power	250 W
Antistatic Protection	Direct Ground



MECHANICAL SPECIFICATIONS

Color	White and chrome
Height	1340-1540 mm (depending on version)
Weight	Max. 500 g ("A"-version)
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Mounting Place	On mast or deck
Materials	PU-painted glassfibre, copper, PTFE and chromed brass
Survival Wind Speed	55 m/s (125 mph)
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	N-female
Cable	No cable supplied
Ingress Protection	IP66
Vibration	IEC 60068-2-6, IEC 60068-2-64
Serial no.	On product label

Datasheet

3 / 4

ORDERING INFORMATION

14046-000A	380-400 MHz (TETRA - Antenna only - bulk packing)
14046-001A	380-400 MHz (TETRA - Antenna only - in Polybag)
14046-002A	380-400 MHz (TETRA - Antenna only - in Carton tube)
14046-000B	410-430 MHz (TETRA - Antenna only - bulk packing)
14046-001B	410-430 MHz (TETRA - Antenna only - in Polybag)
14046-002B	410-430 MHz (TETRA - Antenna only - in Carton tube)
14046-000C	430-450 MHz (ISM - Antenna only - bulk packing)
14046-001C	430-450 MHz (ISM - Antenna only - in Polybag)
14046-002C	430-450 MHz (ISM - Antenna only - in Carton tube)
14046-000D	450-470 MHz (ISM - Antenna only - Bulk packing)
14046-001D	450-470 MHz (ISM - Antenna only - in Polybag)
14046-002D	450-470 MHz (ISM - Antenna only - in Carton tube)
P/N	If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-431 for kit in Polybag
P/N	If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-432 for kit in Carton tube

PACKAGING INFORMATION

Type	Bulk pcking or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
size	Max. 1.65 m ("A"-version)
weight	Approx. 0.6 kg



