

# UHF43A/B/C/D/E

3 dB UHF Fibreglass Antenna 1.14 m (5 versions)

- Specified antenna for TETRA, ISM and NJFA
- 5 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, 406 - 430 MHz, 425 - 450 MHz, 445 - 470 MHz, 330 - 360 MHz
Bandwidth	See "ORDERING INFORMATION"
Impedance	50 ohm
Vswr	< 1.5
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Max. Input Power	250 W
Antistatic Protection	Direct Ground



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	White and chrome
Height	855 - 1145 mm (depending on frequency)
Weight	Max. 400 g (depending on frequency)
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, PTFE, copper 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

## ORDERING INFORMATION

P/N	14043-000A: 380-400 MHz (TETRA - Antenna only - bulk packing)
P/N	14043-000B: 406-430 MHz (TETRA - Antenna only - bulk packing)
P/N	14043-000C: 425-450 MHz (ISM - Antenna only - bulk packing)
P/N	14043-000D: 445-470 MHz (PMR - Antenna only - bulk packing)
P/N	14043-000E: 330-360 MHz (NJFA - Antenna only - bulk packing)
P/N	14043-001A/B/C/D/E (Individually packing in Polybag)
P/N	14043-002A/B/C/D/E (Individually packing 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 packing or individuelle packing in Polybag or Carton tube (See "ORDERING INFORMATION")
size	Max. 1.5 m ("A"-version)
weight	Approx. 0.5 kg

A-1145  
 B-1145  
 C-855  
 D-855  
 E-1145  
 X-1145



