

# UHF49A/B/C/D

9 dB UHF Fibreglass Antenna 2.19 m (380-470 MHz in 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 - 410 MHz, 400 - 430 MHz, 420 - 450 MHz, 440 - 470 MHz
Bandwidth	30 MHz
Impedance	50 ohm
Vswr	<1.5
Polarisation	Vertical
Gain	9 dB (Marine), 5 dBd, 7.1 dBi
Max. Input Power	250 W
Antistatic Protection	Direct Ground



**MECHANICAL SPECIFICATIONS**

Color	White and chrome
Height	2132 mm
Weight	Approx. 800 g
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
Serial no.	On product label

## Datasheet

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## ORDERING INFORMATION

P/N	14049-000A: 380-410 MHz (TETRA - Antenna only - bulk packing)
P/N	14049-002A: 380-410 MHz (TETRA - Antenna only - Carton Tube)
P/N	14049-432A: 380-410 MHz (TETRA - Antenna + 1" Revolving Nut Kit - in Carton tube)
P/N	14049-000B: 400-430 MHz (TETRA - Antenna only - bulk packing)
P/N	14049-002B: 400-430 MHz (TETRA - Antenna only - in Carton tube)
P/N	14049-432B: 400-430 MHz (TETRA - Antenna + 1" Revolving Nut Kit - in Carton tube)
P/N	14049-000C: 420-450 MHz (ISM - Antenna only - bulk packing)
P/N	14049-002C: 420-450 MHz (ISM - Antenna only - in Carton tube)
P/N	14049-432C: 420-450 MHz (ISM - Antenna + 1" Revolving Nut Kit - in Carton tube)
P/N	14049-000D: 440-470 MHz (ISM, PMR - Antenna only - bulk packing)
P/N	14049-002D: 440-470 MHz (ISM, PMR - Antenna only - in Carton tube)
P/N	14049-432D: 440-470 MHz (ISM, PMR - Antenna + 1" Revolving Nut Kit - in Carton tube)

## PACKAGING INFORMATION

Type	Bulk paking or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
size	Ø 60 mm x 2.23 m
weight	Approx 1.0 kg



