

# 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
- DC-grounded (DC-short) - antistatic
- No groundplane needed

Electrical Specifications:

Frequency	380 - 410 MHz, 400 - 430 MHz, 420 - 450 MHz, 440 - 470 MHz
Impedance	50 ohm
Polarisation	Vertical
Gain	9 dB (Marine), 5 dBd, 7.1 dBi
Bandwidth	30 MHz
VSWR	< 1.5
Max. Power	250 W

Mechanical Specifications:

Color	White and chrome
Height	2190 mm
Weight	Approx. 800 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Materials	PU-painted glassfibre, copper, PTFE and chromed brass
Operating temperature	-40C to +70C
Connector 1	N-female
Cable	No cable supplied
Mounting place	On mast or deck
Ingress Protection	IP66
Serial no.	On product label



Ordering information:

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

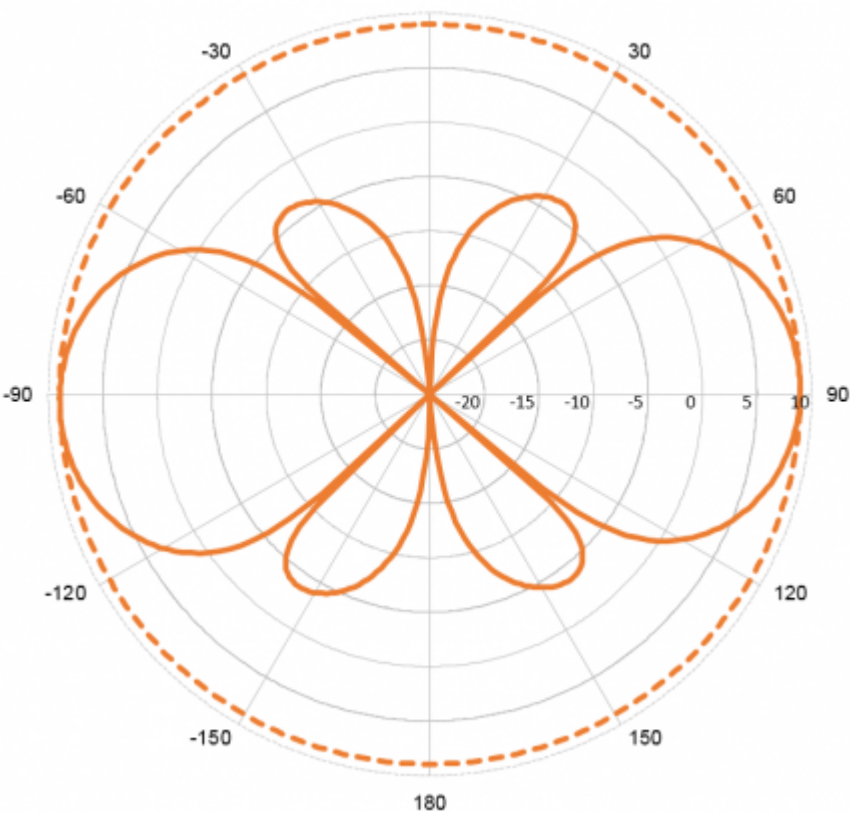
Packing information:

Packing	Carton tube
Size	Ø 60 mm x 2.23 m
Weight	Approx 1.0 kg

Outline Drawing



Radiation Pattern  
0



Typical VSWR

