

UHF219

UHF Fibreglass Antenna, 2100 MHz, 9dB

- Antenna for UMTS/3G
- End-fed $1/2 \lambda$ coaxial dipole marine antenna
- Full omni-directional radiation pattern
- DC-grounded (DC-short) - antistatic
- No groundplane needed

Electrical Specifications:

Frequency	1920 - 2170 MHz
Impedance	50 ohm
Polarisation	Vertical
Gain	9 dB (Marine), 5 dBd, 7.1 dBi
Bandwidth	250 MHz
VSWR	< 1.5
Max. Power	40 W

Mechanical Specifications:

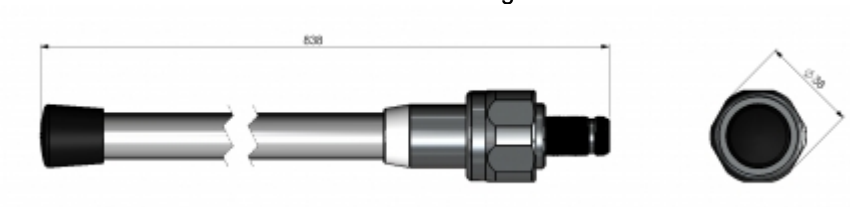
Color	White
Height	Approx. 840 mm
Weight	350 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Materials	PU-painted heavy duty \varnothing 18 mm glass-fibre tube and chrome plated brass
Operating temperature	-40C to +70C
Connector 1	N-female
Cable	No cable supplied
Mounting place	On deck or mast etc.
Ingress Protection	IP66
Serial no.	On product label



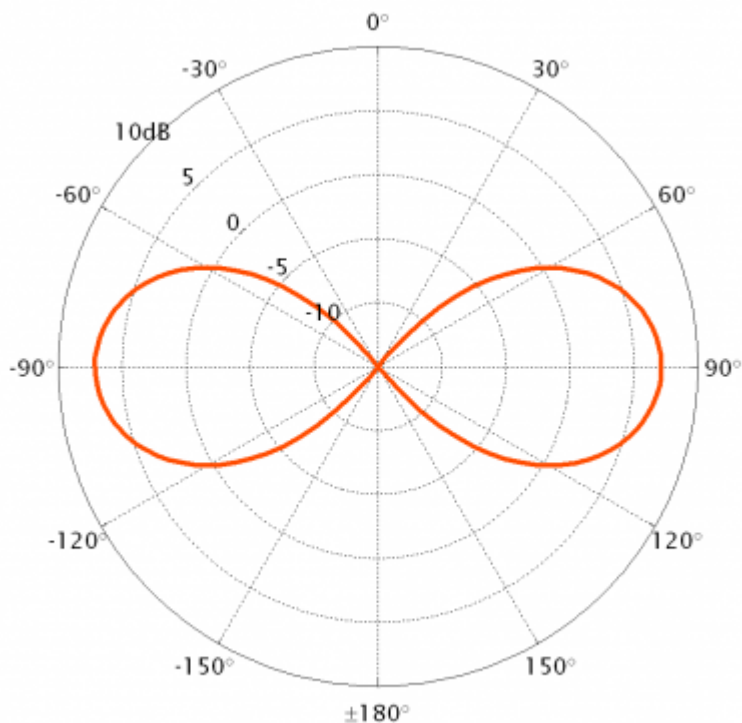
Ordering information:

Part no.	14219-000 (Antenna whip only)
Part no.	14219-001 (Antenna whip only; in polybag)
Part no.	14219-002 (Antenna whip only; in tube)
Part no.	14219-431 (Antenna whip incl. 1"-11 revolving nut kit; in polybag)
Part no.	14219-432 (Antenna whip incl. 1"-11 revolving nut kit; in tube)

Outline Drawing



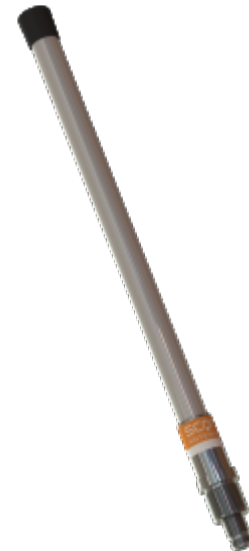
Radiation Pattern



UHF4G

UHF Fibreglass Antenna, 790-960/1710-2690 MHz, 3dB

- High quality UHF antenna for professional use
- Antenna for LTE800/1800/1900/2100/2600, GSM850/900/1800/1900/ UMTS and WLAN b/g/n
- MULTI-band design
- Easy to install
- End-fed $1/2 \lambda$ coaxial MULTI-band dipole marine antenna
- Full omni-directional radiation pattern
- No groundplane needed



Electrical Specifications:

Frequency	790 - 869 MHz, 824 - 894 MHz, 890 - 960 MHz, 1710 - 1880 MHz, 1850 - 1990 MHz, 1920 - 2170 MHz, 2412 - 2484 MHz, 2500 - 2690 MHz
Impedance	50 ohm
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Bandwidth	See "FREQUENCY"
VSWR	LTE800, GSM850/900 < 2.5:1 LTE1900/1800/2100/2600, GSM1800/1900/UMTS, WLAN b/g/n < 2:1
Max. Power	40 W

Mechanical Specifications:

Color	White
Height	Approx. 435 mm
Weight	300 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Materials	PU-painted heavy duty \varnothing 21 mm glass-fibre tube and chrome plated brass
Operating temperature	-40C to +70C
Connector 1	N-female
Cable	No cable supplied
Mounting place	On deck or mast etc.
Ingress Protection	IP66
Serial no.	On product label



Datasheet

Ordering information:

Part no.	14493-000 (Antenna whip only)
Part no.	14493-001 (Antenna whip only; in polybag)
Part no.	14493-002 (Antenna whip only; in tube)
Part no.	14493-431 (Revolving Nut Kit no. 10000-430 included; in bag)
Part no.	14493-432 (Revolving Nut Kit no. 10000-430 included; in tube)

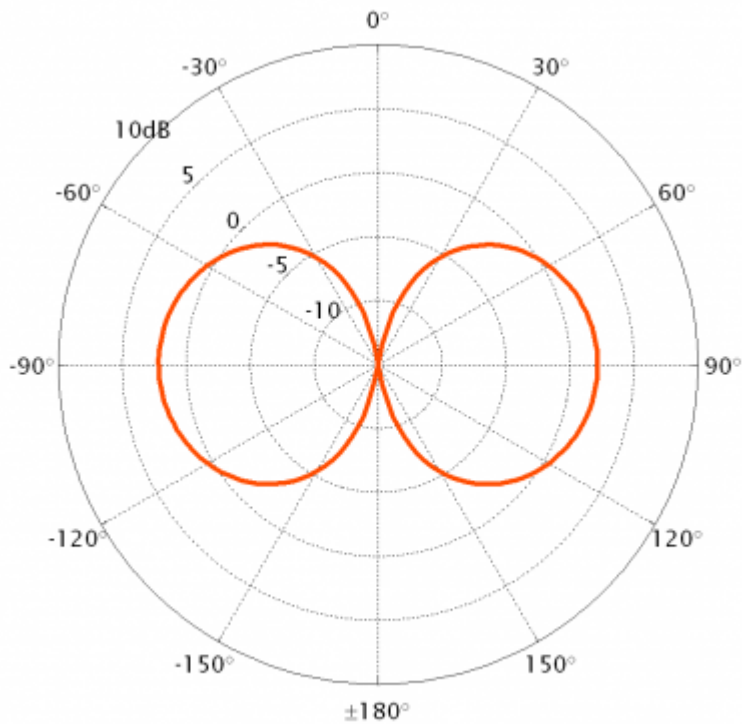
Packing information:

Packing	Bulk, polybag or cardboard tube
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Outline Drawing



Radiation Pattern



UHF3G3B3

UHF Fibreglass Antenna, 890-960/1710-2170 MHz, 3dB

- Antenna for GSM900/1800/1900/UMTS
- End-fed 1/2 λ coaxial MULTI-band dipole marine antenna
- MULTI-band design
- Full omni-directional radiation pattern
- DC-grounded (DC-short) - antistatic
- No groundplane needed

Electrical Specifications:

Frequency	890 - 960 MHz, 1710 - 1880 MHz, 1850 - 1990 MHz, 1920 - 2170 MHz
Impedance	50 ohm
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Bandwidth	See "FREQUENCY"
VSWR	GSM900 < 3:1 GSM1800/1900/UMTS < 2:1
Max. Power	GSM900: 20 W GSM1800/1900/UMTS: 10W

Mechanical Specifications:

Color	White
Height	Approx. 440 mm
Weight	300 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Materials	PU-painted heavy duty \varnothing 18 mm glass-fibre tube and chrome plated brass
Operating temperature	-40C to +70C
Connector 1	N-female
Cable	No cable supplied
Mounting place	On deck or mast etc.
Ingress Protection	IP66
Serial no.	On product label



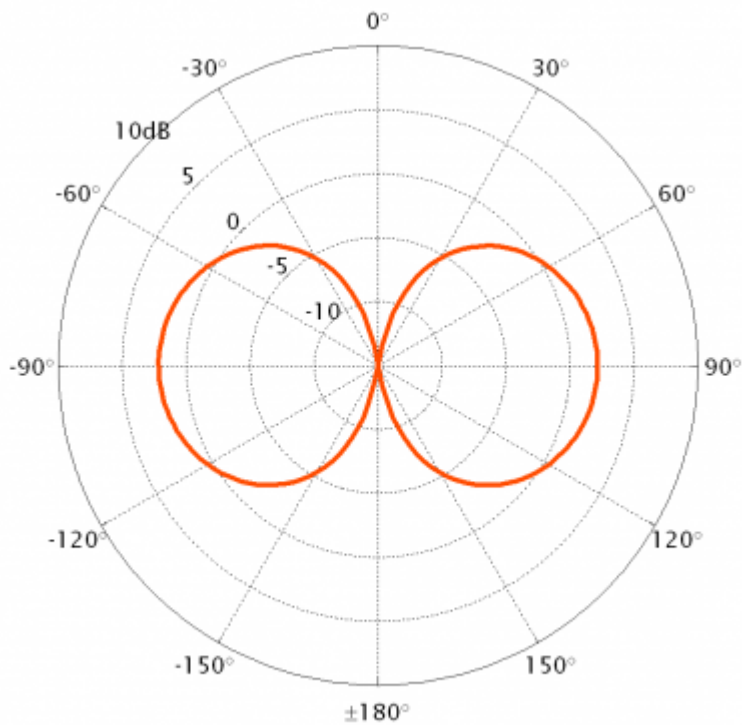
Ordering information:

Part no.	14343-000 (Antenna whip only)
Part no.	14343-001 (Antenna whip only; in polybag)
Part no.	14343-002 (Antenna whip only; in tube)
Part no.	14343-431 (Antenna whip incl. 1"-11 revolving nut kit; in polybag)
Part no.	14343-432 (Antenna whip incl. 1"-11 revolving nut kit; in tube)

Outline Drawing



Radiation Pattern



UHF4G3DUAL

End-fed $1/2 \lambda$ coaxial dipole marine antenna

- Full omni-directional radiation pattern
- NO GROUNDPLANE NEEDED

Electrical Specifications:

Frequency	790 - 862 MHz, 2500 - 2690 MHz (4G/LTE)
Impedance	50 ohm
Polarisation	Vertical
Gain	0 dBd, 2.1 dBi
Bandwidth	See "FREQUENCY"
VSWR	< 2
Max. Power	40 W

Mechanical Specifications:

Color	White
Height	Approx. 440 mm
Weight	300 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Materials	PU-painted heavy-duty \varnothing 21mm glass-fibre tube and chrome plated brass
Operating temperature	-40C to +70C
Connector 1	N-female
Cable	No cable supplied
Mounting place	On deck or mast etc.
Ingress Protection	IP66
Serial no.	On product label

Ordering information:

Part no.	14423-000 (Antenna whip only)
Part no.	14423-001 (Antenna whip only; in polybag)
Part no.	14423-431 (Revolving Nut Kit no. 10000-430 included; in polybag)



Outline Drawing



Radiation Pattern

