

Datasheet

UHF4G

3 dB UHF Multiband Antenna 0.44 m

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G) and WIFI frequencies e.g. for near cost vessels or land based phone and WIFI communication. Ideal for IOT and M2M applications.

- High quality UHF antenna for professional use
- Compact and light weight design
- Multiband: LTE 800/1800/2600 MHz, GSM 850/900/1800/1900 MHz, UMTS 900/2100 MHz and WIFI 2.4 GHz

ELECTRICAL SPECIFICATIONS

Frequency	790 - 960 MHz, 1710 - 2170 MHz, 2412 - 2484 MHz, 2500 - 2690 MHz (LTE 800/1800/2600, UMTS 900/2100, GSM 850/900/1800/1900(PCS) and WIFI 2.4/5 (WLAN a/b/g/h/j/n/p/ac))
Bandwidth	See "FREQUENCY"
Antenna Type	End-fed 1/2 λ dipole - no groundplane needed
Impedance	50 ohm
Vswr	< 2.5:1 (790 - 960 MHz), < 2.0:1 (1710 - 2170 MHz / 2412 - 2484 MHz / 2500 - 2690 MHz)
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi (790-960 MHz) 6 dB (Marine), 3 dBd, 5.1 dBi (1710-2170 MHz) 10 dB (Marine), 7 dBd, 9.1 dBi (2412-2690 MHz)
Radiation Pattern	Omni-directional
Max. Input Power	100 W



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MECHANICAL SPECIFICATIONS

Color	White and chrome
Length	435 mm
Weight	300 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 PC, PTFE, PE and chromed solid 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

14493-000	Antenna only - bulk packing
14493-001	Antenna only - in Polybag
14493-002	Antenna only - in Carton tube
14493-431	Antenna + 1" Revolving Nut Kit - in Polybag
14493-432	Antenna + 1" Revolving Nut Kit - in Carton tube

PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
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