

## Datasheet

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# UHF5G-plus B

## 3-10 dB UHF Multiband Antenna 0.64 m

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G and WiFi frequencies for vessel 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
- Additional 410 MHz band included
- Multiband:
  - 5G 700/800/900/1800/2100/2600/3500 MHz
  - LTE 410/700/800/1800/1900/2600 MHz
  - GSM 410/850/900/1800/1900 MHz
  - UMTS 700/800/900/2100 MHz
  - WiFi 2.4 GHz

## ELECTRICAL SPECIFICATIONS

Antenna Type	End-fed 1/2 $\lambda$ dipole - no groundplane needed
Frequency	410 - 430 MHz, 698 - 960 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
Bands	5G 700/800/900/1800/2100/2600/3500 MHz LTE 410/700/800/1800/1900/2600 MHz UMTS 700/800/900/2100 MHz GSM 410/850/900/1800/1900 MHz WiFi 2.4 GHz
Bandwidth	See "FREQUENCY"
Impedance	50 Ohm
VSWR	< 3.5:1
Gain	3 dB (Marine), 0 dBd, 2.15 dBi (410 - 430 MHz/698-960 MHz) 6 dB (Marine), 3 dBd, 5.15 dBi (1427-1518/1710-2170 MHz) 10 dB (Marine), 7 dBd, 9.15 dBi (2300-2690/3300-3800 MHz)
Radiation Pattern	Omni-directional
Max. Input Power	100 W



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MECHANICAL SPECIFICATIONS

Color	White and chrome
Length	640 mm
Weight	440 g
Mounting	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Mounting Place	On mast or deck
Materials	UV Protected 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)
Connectors	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

14693-002B	Antenna - Carton tube
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PACKAGING INFORMATION

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