

UHF5G

3-10 dB UHF Multiband Antenna 0.5 m

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G 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:
 - 5G 700/800/900/1500/1800/2100/2600/3500 MHz
 - LTE 700/800/1800/1900/2600 MHz
 - GSM 850/900/1800/1900 MHz
 - UMTS 700/800/900/2100 MHz
 - WiFi 2.4 GHz

Electrical Specifications:

Frequency	698 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
Bandwidth	See "FREQUENCY"
Antenna Type	End-fed 1/2 λ dipole - no groundplane needed
Impedance	50 ohm
VSWR	< 3.0:1 (698- 960 MHz), < 2.5:1 (1427- 2690 MHz/ 3300 - 3800 MHz)
Polarisation	Vertical
GAIN	3 dB (Marine), 0 dBd, 2.15 dBi (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	40 W

Mechanical Specifications:

Color	White and chrome
Length	478 mm
Weight	520 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)
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:

P/N	14593-000 (Antenna - bulk packing)
P/N	14593-001 (Antenna - in Polybag)
P/N	14593-002 (Antenna - in Carton tube)
P/N	14593-430 (Antenna + 1" Revolving Nut - bulk packing)
P/N	14593-431 (Antenna + 1" Revolving Nut - in Polybag)
P/N	14593-432 (Antenna + 1" Revolving Nut - in Carton tube)

Packaging Information:

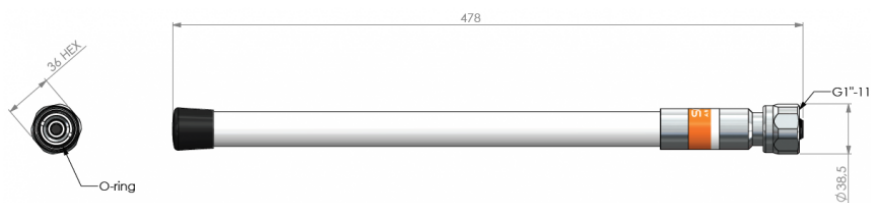
Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
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Outline Drawing - 14593-000/001/002



Outline Drawing - 14593-430/431/432



Typical Normalized Radiation Pattern

