

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

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|-------------------|---|
| 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 |



Datasheet

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MECHANICAL SPECIFICATIONS

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|-----------------------|--|
| 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

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|-----------|---|
| 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

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