

GPS-9013C

Four in One Multiband Antenna (UHF/Cellular/WLAN/GNSS) with Unity Gain Whip

Roof mounted four in one combination antenna base with UHF, Cellular, WLAN and Active GNSS Antennas.

- UnityGain UHF Whip
- Multiple bands in one installation
 - TETRA
 - GSM/UMTS/LTE/5G NR
 - WLAN
 - GLONASS/GPS/Galileo/BeiDou
- High quality compact construction



ELECTRICAL SPECIFICATIONS

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|------------------------------|--|
| Type | Combination Antenna |
| Frequency | 380-480 MHz (UHF) 690-960 MHz, 1427 - 1518 MHz, 1710 -2690 MHz, 3300 - 4200 MHz (Cellular) 2400 - 2485 MHz, 5250 - 5850 MHz (WLAN) 1552 - 1608 MHz (GNSS) |
| Bandwidth | See 'FREQUENCY' |
| Impedance | 50 Ohm |
| VSWR | ≤1.3 @ f.res (380-480 MHz), ≤3.0 (690-960 MHz, 1427 - 1518 MHz, 1710 -2690 MHz, 2400 - 2485 MHz, 3300 - 4200 MHz, 5250 -5850 MHz) |
| Polarisation | Linear (UHF, Cellular, WLAN), Right Hand Circular (RHC) (GNSS) |
| Gain | 0 dBd, 2.15 dBi (380 - 470 MHz, 690 - 960 MHz, 2400 - 2485 MHz) 2 dBd, 4.15 dBi (1427 - 1518 MHz, 1710 -2690 MHz, 5250 - 5850 MHz) 3 dBd, 5.15 dBi (3300 - 4200 MHz) |
| Max power | 10 W (Cellular, WLAN) 20 W (UHF) |
| LNA Gain | 26 dB (GNSS) |
| Noise figure | ≤1.5 dB (GNSS) |
| Supply Voltage | 2.7 - 5.1 VDC |
| Current Consumption, Average | 13 mA @ 3.0 VDC (GNSS) |

Datasheet

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MECHANICAL SPECIFICATIONS

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|-----------------------|---|
| Color | Black |
| Weight | 330 g |
| Dimensions | 140 x 62 x TBA mm |
| Mounting Hole | 15 x 15 mm or Ø 19.0 mm |
| Mounting Place | On vertical or horizontal surfaces (conductive) |
| Mounting Instructions | Antenna Whip must be cut to specified frequency. See cutting diagram (TBA). |
| Materials | Aluminum (6082), PA6, Fibreglass, PCB, Brass, PE |
| Operating Temperature | -40 to +80°C |
| Cable | 300 mm RG316/U (UHF), 200 mm RG316/U (Cellular), 350 mm RG316/U (WLAN), 500 mm RG174/U (GNSS) |
| Connector | BNC-male (UHF), SMA-male (Cellular, GNSS, WLAN) |
| Ingress Protection | IP65 (When mounted) |
| Serial No. | On product label |

ORDERING INFORMATION

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| GPS-9013C | In bag |
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