

GPS-9025

3-in-1Mobile Multiband Antenna (UHF/WLAN/GNSS) with Unity Gain Whip for roof mounting

Roof mounted three in one combination antenna base with Unity Gain UHF Whip, WLAN and Active GNSS Antennas. High quality compact construction designed for through hole mounting. Ideal for the Motorola MXM600 Tetra Mobile Station. Integrated active GNSS antenna and WiFi 2.4/5.8 GHz

Multiple bands in one installation

- Tetra
- WLAN
 - IEEE 802.11 a/b/g/h/j/n/p/ac
- GNSS
 - GLONASS, GPS, Galileo and BeiDou



ELECTRICAL SPECIFICATIONS

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|------------------------------|---|
| Type | Combination Antenna |
| Frequency | 380 - 400 MHz, 1552 - 1608 MHz, 2400 - 2485 MHz, 5250 - 5850 MHz (UHF/WLAN/GNSS) |
| Bandwidth | See 'FREQUENCY' |
| VSWR | ≤ 1.8 (380-400 MHz), ≤ 2.0 (1552 - 1608 MHz), ≤ 3.0 (2400 - 2485 MHz, 5250 - 5850 MHz) |
| Impedance | 50 Ohm |
| Satellite System | GLONASS, GPS, Galileo and BeiDou |
| Polarisation | Linear (UHF, WLAN), Right Hand Circular (RHC) (GNSS) |
| Gain | 0 dBD, 2.15 dBi |
| Max. Input Power | 25 W (UHF), 10 W (WLAN) |
| LNA Gain | 26 ± 3 dB @ 3.0 VDC |
| Noise figure | ≤ 1.5 dB |
| Voltage | 2.7- 5.1 VDC |
| Current Consumption, Average | 13 mA @ 3.0 VDC |

Datasheet

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MECHANICAL SPECIFICATIONS

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|-----------------------|--|
| Color | Black |
| Weight | 180 g |
| Size | 95 x 52 x 225 mm |
| Mounting | Bolt-on |
| Mounting Hole | 15x15 mm or Ø19 mm |
| Materials | PA, PCB, PET, rubber, copper and brass |
| Operating Temperature | -30 to +80 °C |
| Cable | 300 mm RG316/U (UHF), 220 mm RG174/U (WLAN), 300 mm RG174/U (GNSS) |
| Connector | TNC-male (UHF), SMA-male (WLAN), SMA-male (GNSS) |
| Ingress Protection | IP65 (when mounted) |
| Serial No. | On product label |

ORDERING INFORMATION

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| GPS-9025 | In bag |
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