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# **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 desinged 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
  - o GLONASS, GPS, Galileo and BeiDou

#### **ELECTRICAL SPECIFICATIONS**

Туре	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		



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#### **MECHANICAL SPECIFICATIONS**

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

GPS-9025	In bag	
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