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
    - GLONASS, GPS, Galileo and BeiDou

ELECTRICAL SPECIFICATIONS

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

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