GPS-9013

3-in-1 Roof-mounted Multiband Antenna (UHF/Cellular/GNSS) with High Gain Whip

Roof-mounted 3-in-1 combination shark fin antenna base with VHF/UHF Unity Gap Whip antenna, with integrated 3G/4G/5G, active GNSS and WiFi 2.4/5.8 GHz antenna

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

ELECTRICAL SPECIFICATIONS

Type	Combination Antenna
Frequency	380-480 MHz (UHF) 690-960 MHz, 1427 - 1518 MHz, 1710 -2690 MHz, 3300 - 4200 MHz (Cellular) 1552 - 1608 MHz (GNSS)
Bandwidth	5% of f.res (VSWR ≤ 2.0) (UHF) See 'FREQUENCY' (Cellular, GNSS)
Impedance	50 Ohm
VSWR	≤1.3 @ f.res (380-480 MHz), ≤3.0 (690-960 MHz, 1427 - 1518 MHz, 1710 -2690 MHz, 3300 - 4200 MHz)
Polarisation	Linear (UHF, Cellular), Right Hand Circular (RHC) (GNSS)
Gain	1 dBd, 3.15 dBi (690 - 960 MHz) 2 dBd, 4.15 dBi (1427 - 1518 MHz. 1710 -2690 MHz) 3 dBd, 5.15 dBi (380 - 480 MHz, 3300 - 4200 MHz)
Max power	10 W (Cellular) 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)

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

MECHANICAL SPECIFICATIONS

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	500 mm RG174/U (UHF), 200 mm RG316/U (Cellular), 500 mm RG174/U (GNSS)
Connector	Open-ended (Other types available)
Ingress Protection	IP65 (When mounted)
Serial No.	On product label

ORDERING INFORMATION

GPS-9013	In bag

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