GPS-976

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. High quality compact construction desinged for through hole mounting.

- Unity Gain UHF Whip
- Multiple bands in one installation
  - UHF (Tetra, PMR)
  - Cellular (GSM, UMTS, LTE, 5G NR)
  - WLAN (IEEE 802.11 a/b/g/h/j/n/p/ac)
  - GNSS (GLONASS, GPS, Galileo and BeiDou)

ELECTRICAL SPECIFICATIONS

Type	Combination Antenna
Frequency	380-410 MHz (UHF) 690-960 MHz, 1710-2690 MHz, 3300-3800 (Cellular) 2400-2485 MHz, 5250-6000 MHz (WLAN) 1552-1608 MHz (GNSS)
Bandwidth	See 'FREQUENCY'
VSWR	≤ 2.0:1 Measured with 5.0 m RG-58 cable
Impedance	50 Ohm
Polarisation	Vertical (UHF, Cellular, WLAN), RHC (Right Hand Circular)(GNSS)
Gain	0 dBd, 2.15 dBi (UHF, Cellular, WLAN)
Satellite System	GLONASS, GPS, Galileo and BeiDou
LNA Gain	18 dB @ 2.7 VDC 22 dB @ 5.0 VDC
Noise Figure	Min. 1.7 dB Max. 2.1 dB
Supply Voltage	2.7 - 5.1 VDC
Current Consumption, Average	10 mA @ 2.7 VDC 16 mA @ 5.0 VDC
Max. Input Power	10 W

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
Dimensions	95 x 52 x 95 mm
Weight	180 g
Mounting	Bolt-on
Mounting Place	On vertical or horizontal surfaces (conductive). E.g. car roofs, metering cabinets and brackets
Mounting Hole	15 x 15 mm or Ø 19.0 mm
Materials	PA, Rubber, SS, Copper, Brass, PCB (TBC)
Operating Temperature	-30 to +80°C
Connector	FME-male (UHF, Cellular), SMA-male (WLAN, GNSS)
Cable	180 mm RG-316 (UHF), 140 mm RG-174 (Cellular), 220 mm RG-174 (WLAN), 210 mm RG-174 (GNSS)
Extension Cables	5.0 m RG-58 FME-female to TNC-male (UHF) 5.0 m RG-58 FME-female to SMA-male (Cellular) 5.0 m RG-58 SMA-female to SMA-male (Cellular) 5.0 m RG-174 FME-male to SMA-male (GNSS)
Ingress Protection	IP65 (when mounted)
Serial No.	On product label

ORDERING INFORMATION

GPS-976	Antenna - In polybag

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