GPS-9012

3-in1 Roof-mounted Multiband Shark Fin Antenna (Cellular/WLAN/GNSS)

Roof mounted 3-in-1 combination shark fin antenna base with Cellular, WLAN and Active GNSS Antennas. High quality compact construction desinged for through hole mounting.

Multiple bands in one installation

- Cellular
  - 5G 700/800/900/1800/2100/2600/3500 MHz
  - LTE 700/800/1800/1900/2600 MHz
  - GSM 850/900/1800/1900 MHz
  - UMTS 700/800/900/2100 MHz
- WLAN
  - IEEE 802.11 a/b/g/h/j/n/p/ac
- GNSS
  - GLONASS, GPS, Galileo and BeiDou

ELECTRICAL SPECIFICATIONS

Type	Shark Fin Combination Antenna
Frequency	698 - 960 MHz, 1710 - 2170 MHz, 2500 - 2690 MHz, 3400 - 3800 MHz (Cellular) 2400 - 2485 MHz, 5250 - 5850 MHz (WLAN) 1552 - 1608 MHz (GNSS)
Bandwidth	See 'FREQUENCY'
VSWR	< 3.0:1
Impedance	50 Ohm
Satellite System	GLONASS, GPS, Galileo and BeiDou
Polarisation	Vertical (Cellular, WLAN), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 dBi (698-960 MHz) 3 dBd, 5.15 dBi (1710 - 2170 MHz. 2400 -2485, 2500-2690 MHz) 4 dBd, 6.15 dBi (3300-3800 MHz, 5250 -5850 MHz)
Max. Input Power	10 W (Cellular, WLAN) (TBC)
LNA Gain	26 dB
Noise Figure	< 1.5 dB (GNSS)
Supply Voltage	2.7 - 5.1 VDC (Fed via cable) (GNSS)
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
Dimensions	140 x 62 x 52 mm
Weight	330 g
Mounting Place	On vertical or horizontal surfaces (conductive or non-conductive). E.g. car roofs, metering cabinets and brackets
Mounting Hole	15 x 15 mm or Ø 19.0 mm
Materials	Aluminum (6082), PA, Fibreglass, PCB, Brass, PE
Operating Temperature	-40 to +80°C
Connector	SMA-male (Cellular, WLAN, GNSS)
Cable	350 mm RG316 (Cellular, WLAN, GNSS)
Ingress Protection	IP65 (When mounted)
Serial No.	On product label

ORDERING INFORMATION

GPS-9012	In Box

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