

# GPS-9104

## Three in One Multiband Shark Fin Antenna (UHF, AM/FM, GNSS)

Roof mounted three in one combination shark fin antenna base with Cellular, AM/FM (Broadcast Radio) and Active GNSS Antennas. High quality compact construction desinged for through hole mounting.

- Multiple bands in one installation
  - Tetra
  - AM and FM (Broadcast Radio)
  - GPS & Galileo

## ELECTRICAL SPECIFICATIONS

Type	Shark Fin Combination Antenna
Frequency	0.15 - 3.5 MHz, 88 - 108 MHz (AM/FM) 380 - 400 MHz (UHF) 1574.42 - 1576.42 MHz (GNSS)
Bandwidth	See 'FREQUENCY'
Impedance	75 - 150 Ohm (AM/FM) 50 Ohm (UHF, GNSS)
VSWR	≤ 2.0:1 (UHF)
Satellite System	GPS and Galileo
Polarisation	Linear (UHF, AM/FM), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 dBi (UHF)
Max. Input Power	50 W (UHF)
Noise Figure	Max 2.1 dB (GNSS) Max 4.5 dB (AM/FM)
Voltage	2.7 - 5.5 VDC (GNSS) 10 - 16 VDC (AM/FM)
Current Consumption, Average	12 mA @ 2.7 VDC (GNSS) 26 mA @ 5.0 VDC (GNSS) 27-40 mA (AM/FM)



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Dimensions	145 x 70 x 70 mm
Weight	270 g
Mounting Plaace	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	Aluminum, PA, brass, copper, ceramic, PCB
Operating Temperature	-35 to +80°C
Cable	300 mm RG58 (UHF), 150 mm RG174 (AM/FM), 300 mm RG174 (GNSS) Incldues 5.0 m extension cables
Connector	BNC-male (UHF), TBD (AM/FM), SMA-male (GNSS)
Ingress Protection	IP65 (When mounted) (TBC)
Serial No.	On product label

## ORDERING INFORMATION

GPS-9104	In bag
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