

GPS-750

Three in One Multiband Shark Fin Antenna (Cellular/WLAN/GNSS)

Roof mounted three in one 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

- GSM/UMTS/LTE/5G NR
- WLAN
- GLONASS/GPS/Galileo/BeiDou

ELECTRICAL SPECIFICATIONS

Type	Shark Fin Combination Antenna
Frequency	860 - 960 MHz, 1710 - 2170 MHz (Cellular) 2400 - 2485 MHz (WLAN) 1574.42 - 1576.42 MHz (GNSS)
Bandwidth	See 'FREQUENCY'
VSWR	≤ 2.0:1
Impedance	50 Ohm
Satellite System	GPS and Galileo
Polarisation	Linear (Cellular, WLAN), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 dBi (Cellular, WLAN)
Max. Input Power	10 W (Cellular, WLAN)
LNA Gain	Max. 25 dB
Noise Figure	Max 2.1 dB
Supply Voltage	2.7 - 5.0 VDC
Current Consumption, Average	12 mA @ 2.7 VDC 26 mA @ 5.0 VDC



Datasheet

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MECHANICAL SPECIFICATIONS

Color	Black
Weight	170 g
Size	95 x 52 x 65 mm
Mounting	Bolt-on
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	PA, PCB, PE, copper, brass and stainless steel (TBC)
Operating Temperature	-30 to +80 °C
Cable	5.0 m RG-174 (Cellular, GNSS), 5.0 m RG-58 (WLAN)
Connector	FME-female (Cellular), SMA-male-RP (TBD) (WLAN), SMA-male (GNSS)
Serial No.	On product label

ORDERING INFORMATION

GPS-750	In Bag
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