

GPS-A3

Two in One Multiband Low Profile Antenna (Cellular/GNSS)

Two in one combination antenna with Cellular and Active GNSS Antennas. High quality low profile construction designed for through hole mounting.

Multiple bands in one installation:

- Cellular
 - GSM/UMTS/LTE/5G NR
- GNSS
 - GPS & Galileo



ELECTRICAL SPECIFICATIONS

Type	Combination Antenna
Frequency	824 - 860 MHz, 1710 - 2170 MHz, 1574.42 - 1576.42 MHz (Cellular, GNSS)
Bandwidth	See 'FREQUENCY'
VSWR	≤ 1.5:1
Impedance	50 Ohm
Satellite System	GPS and Galileo
Polarisation	Vertical (Cellular), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 dBi (Cellular)
Max. Input Power	10 W (Cellular)
LNA Gain	27 dB
Noise Figure	Max 1.8 dB
Supply Voltage	2.7 - 5.5 VDC
Current Consumption, Average	13 mA

MECHANICAL SPECIFICATIONS

Color	Black (also available in white)
Weight	280 g
Dimensions	Ø 65 x 18 mm
Mounting	Bolt-on
Mounting Hole	Ø 19.0 mm
Mounting Place	On vertical or horizontal surfaces (conductive or non-conductive). E.g. car roofs, metering cabinets and brackets
Materials	PC, aluminum, brass, copper, PCB, PE
Operating Temperature	-40 to +85 °C
Cable	5.0 m RG-174
Connector	SMA-male
Serial No.	On product label

ORDERING INFORMATION

GPS-A3	In bag
--------	--------

Datasheet

3 / 3

