

# CA01-1524035M

## Three in One Low Profile Multiband Antenna (Cellular/WLAN/GNSS)

Roof mounted three in one combination antenna with Cellular, WLAN 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
- WLAN
- GPS and Galileo



## ELECTRICAL SPECIFICATIONS

Type	Combination Antenna
Frequency	790 -960 MHz, 1710 - 2690 MHz (Cellular) 2400 - 2485 MHz, 5250 - 5850 MHz (WLAN) 1574.42 - 1576.42 MHz (GNSS)
Bandwidth	See "FREQUENCY"
VSWR	≤1.8:1 (Cellular, WLAN)
Impedance	50 Ohm
Satellite System	GPS and Galileo
Polarisation	Vertical (Cellular, WLAN), Right Hand Circular (RHC) (GNSS)
Gain	1 dBd, 3.15 dBi (Cellular, WLAN)
Max. Input Power	10 W (Cellular, WLAN)
LNA Gain	27 dB
Noise Figure	1.5 dB
Supply Voltage	2.3 - 5.5 VDC
Current Consumption, Average	8.6 mA @ 3.0 VDC 16.6 mA @ 5.0 VDC

## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Weight	150 g
Dimensions	Ø 80 x 68 mm
Mounting	Bolt-on
Mounting Hole	Ø 17 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	-30 to +85°C
Connector	FME-female (Cellular), SMA-female-RP (WLAN), SMA-male (GNSS) Other types available on request
Cable	CLF200 (Cellular, WLAN), RG-174 (GNSS) See length in 'ORDERING INFORMATION'
Serial No.	On product label

## ORDERING INFORMATION

CA01-1524035M/1	Antenna with 1.0 m cables - In bag
CA01-1524035M/2	Antenna with 2.0 m cables - In bag
CA01-1524035M/5	Antenna with 5.0 m cables - In bag
CA01-1524035M/10	Antenna with 10 m cables - In bag

