

# GNSS02 (BLACK)

Low-Profile Active 5 V GNSS Mobile Antenna for roof mounting

Active GNSS antenna for through-hole roof or bracket mounting.

- For navigation and tracking purpose
- Low profile design
- Non-corrosive

## ELECTRICAL SPECIFICATIONS

Frequency	1561.1 MHz, 1575.42 MHz, 1598.1 - 1605.4 MHz (GLONASS/GPS & Galileo/ BeiDou)
Impedance	50 ohm
Satellite System	GLONASS, GPS, Galileo and BeiDou
Polarisation	RHC (Right Hand Circular)
LNA Gain	26 dB
Noise Figure	1.35 dB
Supply voltage	3 - 5.5 VDC (Fed via cable)
Current consumption, average	20 mA



MECHANICAL SPECIFICATIONS

Color	Black
Height	15 mm
Weight	60 g
Diameter	Ø 48 mm
Mounting	Bolt-on with adhesive tape for effective sealing
Mounting Place	On horizontal surface (Max panel thickness 20 mm)
Mounting Instruction	Unobstructed view to satellites
Mounting hole	Ø 13 mm
Materials	ABS, PE, brass and PCB
Operating Temperature	-40C to +70C
Connector	FME-male (Integrated in base)
Cable	No cable supplied
Ingress protection	IP65 (When mounted)

ORDERING INFORMATION

P/N	16002-000 (Antenna only - bulk packing)
P/N	16002-001 (Antenna only - in Polybag)

PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
weight	Approx. 100 g

## Datasheet

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