

## COMBISAT® MOUNT

### Roof-mounted universal antenna base with integrated active GNSS antenna



Roof mounted universal antenna base with built-in active GNSS antenna. The base accepts mobile antenna whips with external M5 threaded stud. M5/M6-adaptor for optionally mounting of antenna whips with internal M6 thread is supplied

- FOR NAVIGATION AND TRACKING PURPOSE
- LOW PROFILE DESIGN
- NON-CORROSIVE
- TILTABLE EXTERNAL ANTENNA WHIP

#### Electrical Specifications:

Frequency	0 - 2500 MHz, 1561.1 - 1605.4 MHz (External antenna whips/ GNSS)
Impedance	50 ohm (All)
Satellite System	GLONASS, GPS, Galileo and BeiDou
Polarisation	RHC (Right Hand Circular)(GNSS)
LNA Gain	26 dB (GNSS)
Noise Figure	1.35 dB (GNSS)
Supply voltage	3 - 5.5 V DC (Fed via cable) (GNSS)
Current consumption, average	20 mA (GNSS)

#### Mechanical Specifications:

Color	Black
Weight	150 g
Mounting	Bolt-on (From inside only - Maximum torque on nut 4.5 Nm)
Mounting place	On horizontal metal surface (Vehicle roof etc.)
Mounting instruction	The antenna whip (not supplied) is tiltable 15° in all directions by bending the topsection of the base. NOTE! Bending one time only !
Height above roof	30 mm
Mounting hole	Ø 18 - 22 mm
Build-in depth	Approx. 11 mm
Materials	ABS, POM, PE, PCB, brass and steel



Operating temperature	-40C to +70C
Connector	GNSS: FME-male (Blue)
Connector 2	External antenna: FME-male (Black)
Cable	150-200 mm
Dimensions	81 x 55 mm
Ingress Protection	IP65 (When mounted)

Ordering information:

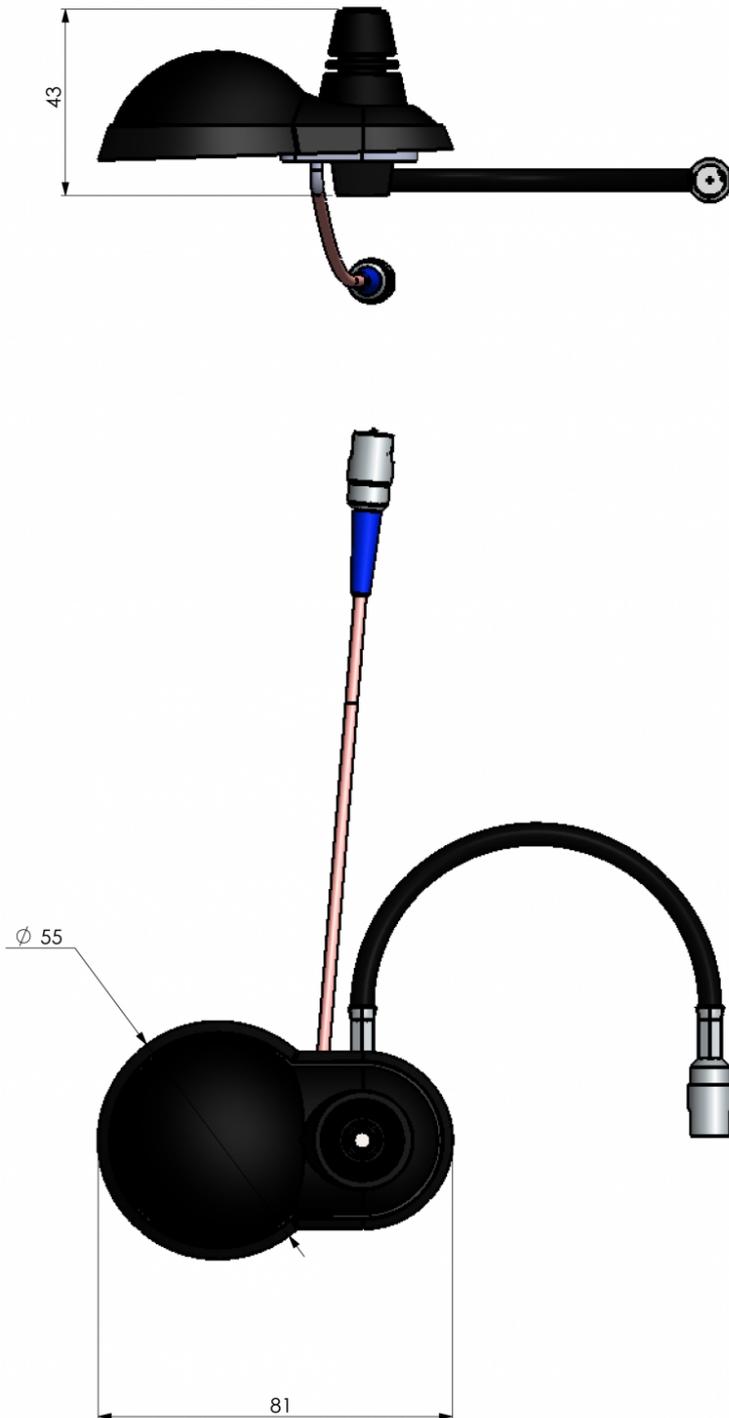
P/N	G40001IP (Bulk packing)
P/N	G40001 (Individually packing in Polybag)

Packaging Information:

Type	Bulk packing or individually packing in Polybag (See "Part No.")
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Outline Drawing



M5/M6 adaptor

