

# 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)

## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Weight	150 g
Mounting	Bolt-on (From inside only - Maximum torque on nut 4.5 Nm)
Mounting Instruction	On horizontal metal surface (Vehicle roof etc.)
Mounting Place	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 root	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)
Connector2	External antenna: FME-male (Black)
Cable	150-200 mm
Dimension	81 x 55 mm
Ingress protection	IP65 (When mounted)

## ORDERING INFORMATION

G40001IP	Bulk packing
G40001	Individually packing in Polybag

## PACKAGING INFORMATION

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