

COMBISAT-NG® MOUNT

Roof-mounted universal antenna base with integrated active GNSS antenna

Mobile roof mount with integrated coaxial FME-male connector and built-in active GNSS antenna for non-conductive surface mounting of $1/2 \lambda$ portable antenna whips with FME-female connector.

- FOR NAVIGATION AND TRACKING PURPOSE
- LOW PROFILE DESIGN
- COAXIAL FME-MALE CONNECTION TO 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	On non-conductive vehicle roof etc.
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

P/N	40 700IP (Bulk packing)
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PACKAGING INFORMATION

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