

# SATFIX-1

## Compact Active 5 V GNSS-Antenna for roof mounting

Active mobile GNSS antenna for through-hole roof 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 V DC (Fed via cable)
Current consumption, average	20 mA



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Height	15 mm
Weight	110 g
Diameter	Ø 48 mm
Mounting	Bolt-on with adhesive tape for effective sealing
Mounting Place	On horizontal surface
Mounting Instruction	Unobstructed view to satellites
Mounting hole	Ø 13 - 20 mm
Build-in Depth	Approx. 17 mm
Materials	ABS, PE, brass and PCB
Operating Temperature	-40°C to +70°C
Connector	See "ORDERING INFORMATION" (Other types available)
Cable	See "ORDERING INFORMATION" (Other lengths available)
Ingress Protection	IP65 (When mounted)

## ORDERING INFORMATION

P/N	40200 (0.15 m cable + FME-male)
P/N	40200IP (0.15 m cable + FME-male - Bulk packing)
P/N	40203 (0.15 m cable + FME-female)
P/N	40203IP (0.15 m cable + FME-female - Bulk packing)
P/N	40218IP (0.15 m cable + MMCX-RA-male - Bulk packing)

## PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag (See "Part No.")
weight	Approx. 150 g

