

# UNISAT

Universally mounted active GNSS antenna for navigation and tracking

Active mobile GNSS antenna for roof, dashboard or in-car glass mounting

- FOR NAVIGATION AND TRACKING
- LOW PROFILE DESIGN
- NON-CORROSIVE
- UNIVERSAL MOUNTING

## 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	12.5 mm
Weight	60 g (3 m cable included)
Diameter	Ø 38.5 mm
Mounting	Adhesive pad
Mounting Place	On horizontal surface
Mounting Instruction	Unobstructed view to satellites. Clean glass with supplied cleaning pad before installation. Min. installation temp. +20C
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

## ORDERING INFORMATION

P/N	40953 (3 m cable + FME-female - in Polybag)
P/N	40953IP (3 m cable + FME-female - Bulk packing)
P/N	40955 (5 m cable + FME-female - in Polybag)
P/N	40955IP (5 m cable + FME-female - Bulk packing)
P/N	40954IP (0,25 m cable + MCX-male - Bulk packing)
P/N	40956IP (5 m cable + SMA-male - in Polybag)
P/N	40962 (3 m cable + SMA-male - in Polybag)
P/N	40962IP (3 m cable + SMA-male - Bulk packing)
P/N	40964IP (3 m cable + SUB-D - Bulk packing)
P/N	40967IP (5 m cable + FAKRA-D-female - Bulk packing)
P/N	40968 (3 m cable + MCX-RA-male - in Polybag)
P/N	40991 (4 m cable + SMB-female - in Polybag)
P/N	40992 (7 m cable + SMB-female - in Polybag)

PACKAGING INFORMATION

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