

**Specifications****Tetrasat universal mount****Photos****Code-Nr.: 60613303****Roof-mounted 4-band antenna base with tilt option and integrated active GNSS and GSM dual-band antennas**

Roof mounted universal 4-band antenna base with tilt function and built-in active GNSS antenna and dual-band GSM/GPRS antenna. The base accepts mobile antenna whips (0-1000 MHz) with external M5 threaded stud or internal M6 thread (by use of the supplied M5/M6 threaded adapter)

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

**Electrical properties**

Frequency	870 – 960 MHz, 1710 – 1880 MHz, 1561.1 – 1605.4 MHz, 0 – 1000 MHz (GSM900/1800/GNSS/External antenna whips)
Bandwidth	See «FREQUENCY»
Impedance	50 Ohm (All)
VSWR	<2 (GSM)
Satellite system	GLONASS, GPS, Galileo and BeiDuo
Polarisation	GSM: Linear; GNSS: RHC (Right Hand Circular)
LNA gain	26dB (GNSS)
Noise figure	1.35 dB (GNCC)
Supply voltage	3–5.5V DC (fed via cable) (GNSS)
Current consumption, Average	20 mA (GNSS)

## Mechanical properties

Color	black
Weight	150g
Mounting	bolt-on (from inside only – maximum torque on nut 4.5Nm)
Mounting place	on horizontal metal surface (vehicle roof etc.)
Mounting instruction	unobstructed view to satellites
Height above roof	45 mm
Mounting hole	Ø 14-22 mm
Build-in depth	approx. 10 mm
Materials	ABS, POM, PE, PCB, brass and steel
Operating temperature	-40°C – +70°C
Connector	GNSS: SMA female (blue)
Connector 2	GSM: SMA female (red)
Cable	130–210mm
Dimensions	93 x 56 mm
Ingress Protection	IP65 (when mounted)

## Outline drawing



60613303 / Tetrasat universal mount / 2