

TETRASAT® (5V)

Roof-mounted 4-band antenna base with integrated active GPS and GSM dual-band antennas



Roof mounted universal 4-band antenna base with built-in active GPS and GSM/GPRS antennas. 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
- LOW PROFILE DESIGN
- NON-CORROSIVE

Electrical Specifications:

Frequency	870 - 960 MHz, 1710 - 1880 MHz, 0 - 1000 MHz
Satellite System	GPS (1575.42 MHz)
Impedance	50 ohm (All)
Polarisation	GSM: Linear, GPS: RHC (Right Hand Circular)
Bandwidth	See "FREQUENCY"
VSWR	< 2 (GSM)
LNA Gain	26 dB (GPS)
Noise Figure	1.35 dB (GPS)
Supply voltage	3 - 5.5 V DC (Fed via cable)(GPS)
Current consumption, average	20 mA (GPS)



Datasheet

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Mechanical Specifications:

Color	Black
Weight	150 g
Mounting	Bolt-on (From inside only)
Materials	ABS, POM, PE, PTFE, PCB, brass and stainless steel
Operating temperature	-40C to +70C
Connector 1	GPS: SMA-female (Blue)
Connector 2	GSM: SMA-female (Red)
Connector 3	External antenna: FME-male (Black)
Cable	210 mm, 170 mm and 130 mm
Mounting place	On horizontal surface
Mounting Instruction	Unobstructed view to satellites
Dimensions	93 x 54 mm
Height above roof	32 mm
Mounting hole	14-22 mm
Build-in depth	Approx. 10 mm
Ingress Protection	IP65 (When mounted)

Ordering information:

Part no.	G40600
Part no.	G40600IP (Bulk packing)

Packing information:

Packing	Polybag or bulk
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