

Datasheet 1/3

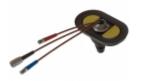
TETRASAT® UNI (5V)

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

Roof mounted universal 4-band antenna base with tilt option and 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)

- TILTABLE WHIP OPTION
- 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 2/3

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	94 x 56 mm	
Height above roof	45 mm	
Mounting hole	14-22 mm	
Build-in depth	Approx. 10 mm	
Ingress Protection	IP65 (When mounted)	

Ordering information:		
Part no.	G40630	
Part no.	G40630IP (Bulk packing)	
Packing information:		
Packing	Polybag or bulk	

Outline Drawing





Datasheet 3 / 3

