



Product Data Sheet

GPS Combination Antenna

TETRA UHF

GPS Combination Antenna



GPSK-G

Excellent performance

Active GPS element

Single hole fixing

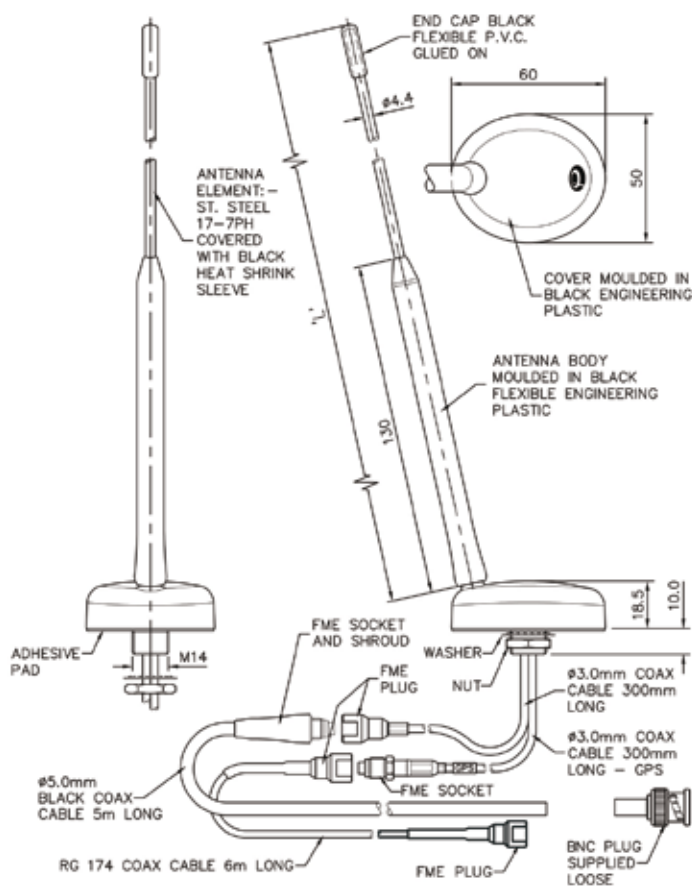
The GPSK antenna range is a dual function, high performance TETRA antenna with an active GPS element.

The GPSK-G range covers frequencies from 380MHz to 470Mhz, depending on the equipment requirements. With the ability to mount on a roof up to 6mm thick using only a single 14mm hole.

The dual functionality of the Panorama GPSK range makes the antenna a popular choice for police, buses, taxi's and other public service and utility vehicles.

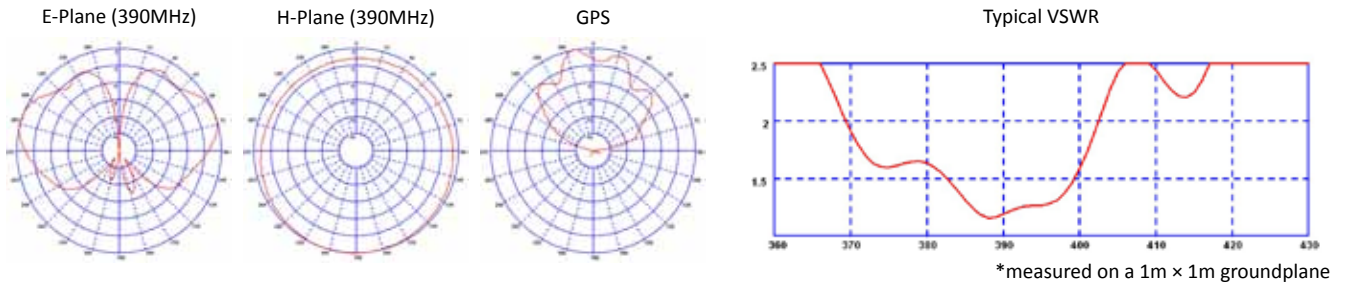
This antenna can be provided as a 'plug & play' kit for all TETRA terminals.

Technical Drawing



TETRA UHF

GPS Combination Antenna



Part No.	
GPSK-S1G-MOT	
Electrical Data	
Frequency Range (MHz)	380-400
Operational Band	S1
Gain: Isotropic	5dBi
Compared to ¼ wave	3dB
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	25
GPS Data	
Frequency Range (MHz)	1575
VSWR	<2.0:1 ± 4MHz
Gain: LNA	13dB
Polarisation	Right Hand Circular
Operating Voltage	3 - 7V DC (fed via coax)
Current	Typical 14mA
Mechanical Data	
Dimensions (mm)	Whip Length
	465
	Base Height
	18.5
	Base Length
	60
	Base Width
	50
Operating Temp (°C)	-40° / +80°C
Material	Engineering plastic
Colour	Black
Mounting Data	
Fixing	Panel mount
Hole Size (mm)	15
Cable Data	
GPS Cable	Type
	RG174
	Thickness (mm)
	2.8
	Length (m)
	6
	Termination
	SMA plug
Comms Cable	Type
	CS23
	Thickness (mm)
	5
	Length (m)
	5
	Termination
	Bare end with BNC plug loose

Panorama Antennas Ltd
Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444
F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com
www.panorama-antennas.com

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