



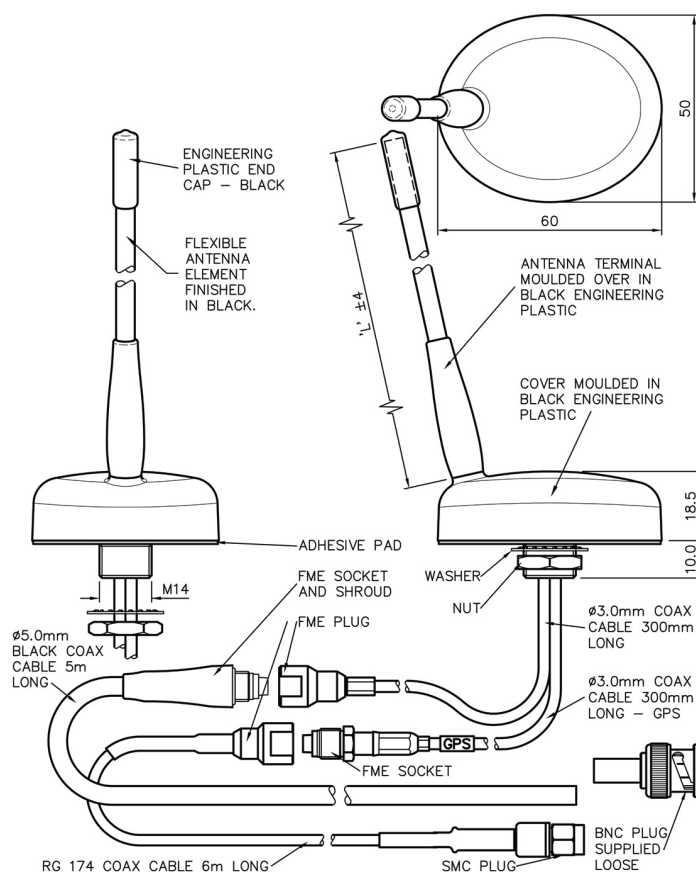
- Combination UHF/GNSS antenna kit
- Active GPS/GNSS Element
- Single Hole Fixing

The GPSK-TET-SEP antenna is a dual function, high performance TETRA antenna with an active GPS/GNSS element.

The GPSK-TET antenna covers frequencies from 380MHz to 430Mhz. With the ability to mount on a roof up to 6mm thick using only a single 14mm hole.

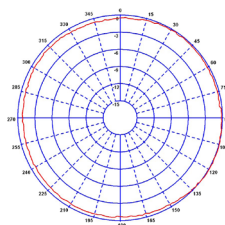
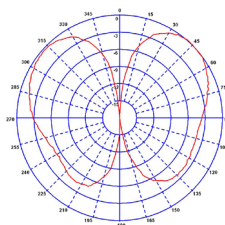
The twin functionality of the Panorama GPSK range makes the antennas a popular choice for police, buses, taxi's and other public service and utility vehicles.

Technical Drawing

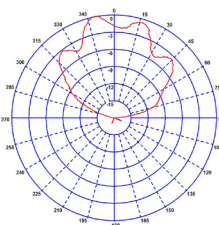


Product Data

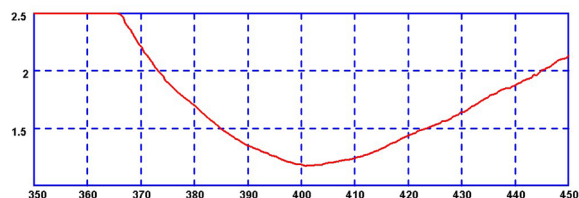
Typical E-Plane (390MHz) Typical H-Plane (390MHz)



GPS/GNSS



Typical VSWR



* Measured on a 600 x 600mm (2' x 2') groundplane with 5m (16') of CS23 cable.

Part No.

GPSK-TET-SEP

Electrical Data

Frequency Range (MHz)	380-430
Gain: Isotropic	2dBi
Compared to 1/4 wave	0dB
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	25

GPS Data

Frequency Range (MHz)	1562 - 1612
VSWR	<2.0:1 ± 4MHz
Gain: LNA	26dB
Polarisation	Right Hand Circular
Operating Voltage	3 - 5V DC (fed via coax)
Current	Typical <20mA

Mechanical Data

Dimensions (mm)	Whip Length	154 (6")
	Base Height	18.5 (0.73")
	Base Length	60 (2.4")
	Base Width	50 (1.96")
Operating Temp (°C)		-40° / +80°C (-40° / +176°F)
Material		Engineering plastic
Colour		Black

Mounting Data

Fixing	Panel Mount
Hole Size	15 (0.6")

Cable Data

GPS Cable	Type	RG174
	Diameter (mm)	2.8 (0.1")
	Length (m)	6 (19' 7")
	Termination	SMC plug
Comms Cable	Type	CS23
	Diameter (mm)	5.0 (0.2")
	Length (m)	5.0 (16')
	Termination	BNC Plug (Loose)