

# TETRA UHF

## Covert Glass Mount Antenna

06/04/2016 V2



### GM-CV

Covert UHF glass mount

Designed to look like a GSM car kit antenna

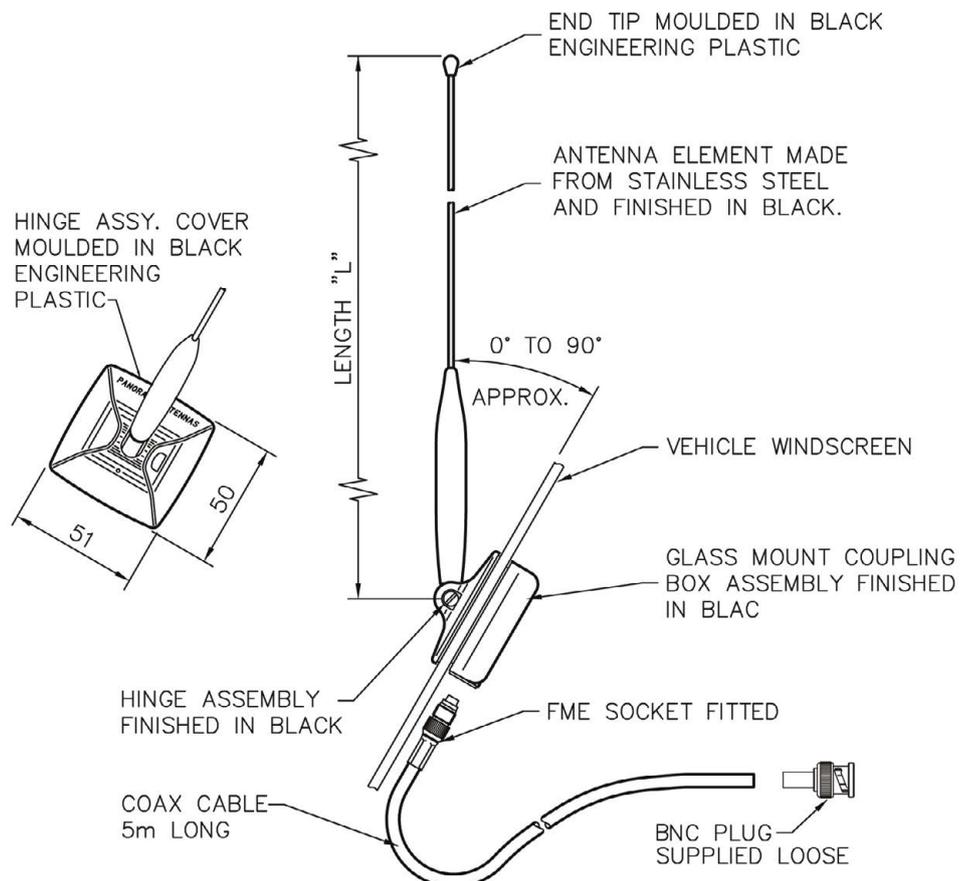
Patented solid state coupling

The Panorama glass mount antenna requires no holes or special tools and can be installed easily and quickly on a windscreen or rear window.

The antenna couples capacitively through the glass and its high positioning gives it an almost omni-directional radiating pattern, with performance similar to a conventionally mounted roof-top antenna.

The antenna is designed to look like a GSM glass mount and is ideal for when a discrete installation is required.

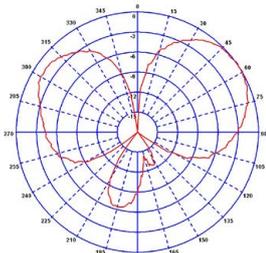
### Technical Drawing



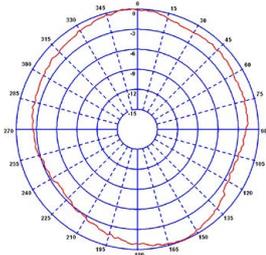
# TETRA UHF

## Covert Glass Mount Antenna

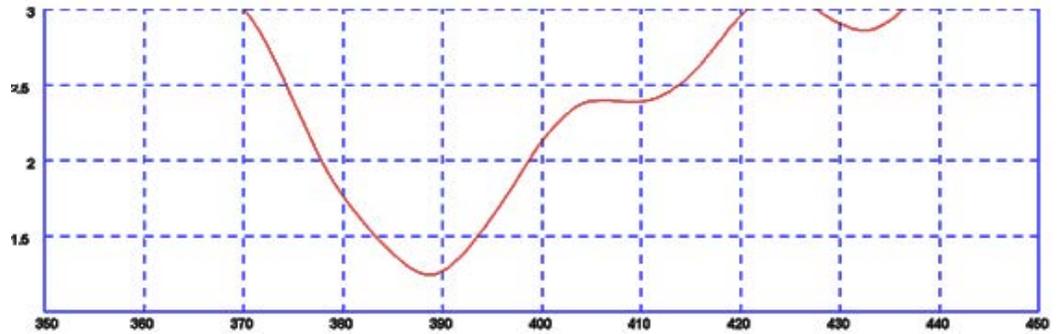
Typical E-Plane (390MHz)



Typical H-Plane (390MHz)



Typical VSWR



\* VSWR shown GM-S1-CV-5 measured with 5m (17') of CS23 on a glass sheet.

Part No.	GM-S1-CV-5BL	GM-S2-CV-5BL	GM-S3-CV-5BL	GM-S4-CV
<b>Electrical Data</b>				
Frequency Range (MHz)	380-400	410-430	380-420	450-470
Operational Band	S1	S2	S3	S4
Peak Gain: Isotropic	2dBi			
Typical Bandwidth @ 2.5:1 VSWR	8%			
Polarisation	Vertical			
Pattern	Omni-directional			
Impedance	50Ω			
Max Input Power (W)	20			
<b>Mechanical Data</b>				
Whip Length (mm)	259 (10.2")		214 (8.42")	
Operating Temp (°C)	-40° / +80°C (-40° / +176°F)			
Material	Stainless steel, plated brass & ABS			
Colour	Black			
<b>Mounting Data</b>				
Fixing	External glass mount			
Mounting Foot Dimensions (mm)	Length	50.4 (2")		
	Width	51.4 (2")		
Material	ABS			
<b>Cable Data</b>				
Type	CS23 (RG58 c/u)			
Diameter (mm)	5 (0.2")			
Length (m)	5 (17')			
Termination	Bare end with loose BNC Plug		Bare end	



**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

Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance or a warranty of fitness for any particular purpose. These specifications are subject to change without notice.

Copyright © Panorama Antennas Ltd. All rights reserved.