



# Product Data Sheet

Glass Mount Antennas

# TETRA UHF

## Glass Mount Antenna



### GM

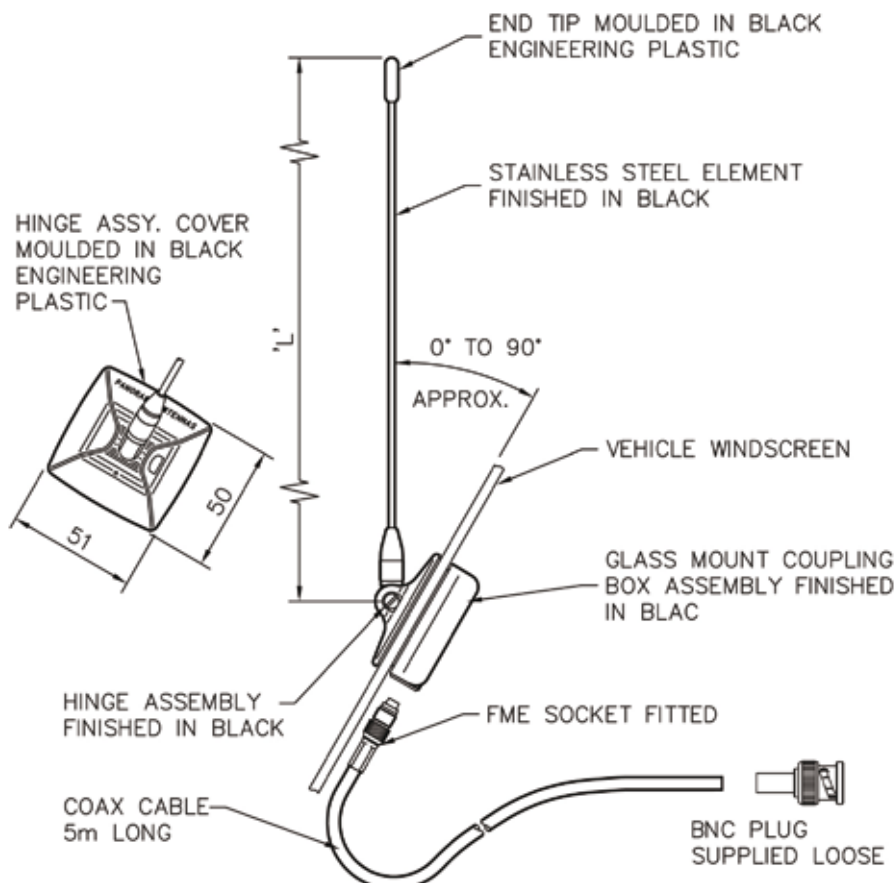
- Excellent Performance
- No-hole installation
- Solid state coupling

The Panorama Glass Mount Antenna requires no holes or special tools and can be quickly & easily installed 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 can be easily removed for the car wash. To remove the antenna assembly, both the coupling box and the mounting foot can be removed and the glass cleaned to leave it in its original state.

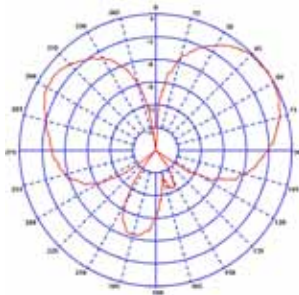
### Technical Drawing



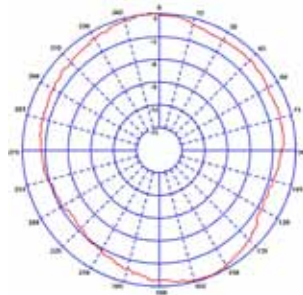
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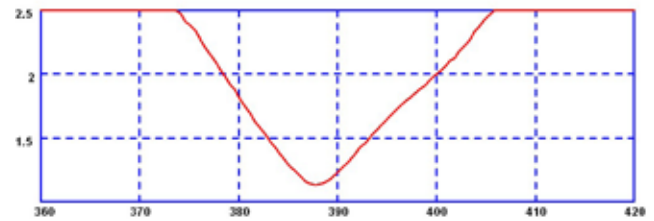
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR



Part No.	GM-R1-5BL	GM-R2-5BL	GM390-5BL	GM420-5BL	GM-S4-5BL
<b>Electrical Data</b>					
Frequency Range (MHz)	300-334	350-370	380-400	410-430	450-470
Operational Band	R1	R2	S1	S2	S4
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi	2dBi
Compared to ¼ wave	0dB	0dB	0dB	0dB	0dB
Bandwidth @ 2:1 VSWR	10%	10%	10%	10%	10%
Polarisation	Vertical	Vertical	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω	50Ω	50Ω
Max Input Power (W)	20	20	20	20	20
<b>Mechanical Data</b>					
Whip Length (mm)	327	267	259	259	208
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C
Material	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic
Colour	Black	Black	Black	Black	Black
<b>Mounting Data</b>					
Fixing	External glass mount	External glass mount	External glass mount	External glass mount	External glass mount
Mounting Foot Dimensions (mm)	Length	50.4	50.4	50.4	50.4
	Width	51.4	51.4	51.4	51.4
Material	Engineering Plastic	Engineering Plastic	Engineering Plastic	Engineering Plastic	Engineering Plastic
Colour	Black	Black	Black	Black	Black
<b>Cable Data</b>					
Type	URM 76	URM 76	URM 76	URM 76	URM 76
Thickness (mm)	5	5	5	5	5
Length (m)	5	5	5	5	5
Termination	Bare end with loose BNC Plug	Bare end with loose BNC Plug	Bare end with loose BNC Plug	Bare end with loose BNC Plug	Bare end with loose BNC Plug

**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](mailto:sales@panorama-antennas.com)  
[www.panorama-antennas.com](http://www.panorama-antennas.com)

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