

Glass Mount Antenna

-  TETRA UHF
-  Public Safety
-  Omni Directional
-  ROHS Compliant
-  Vehicle Mount



GM

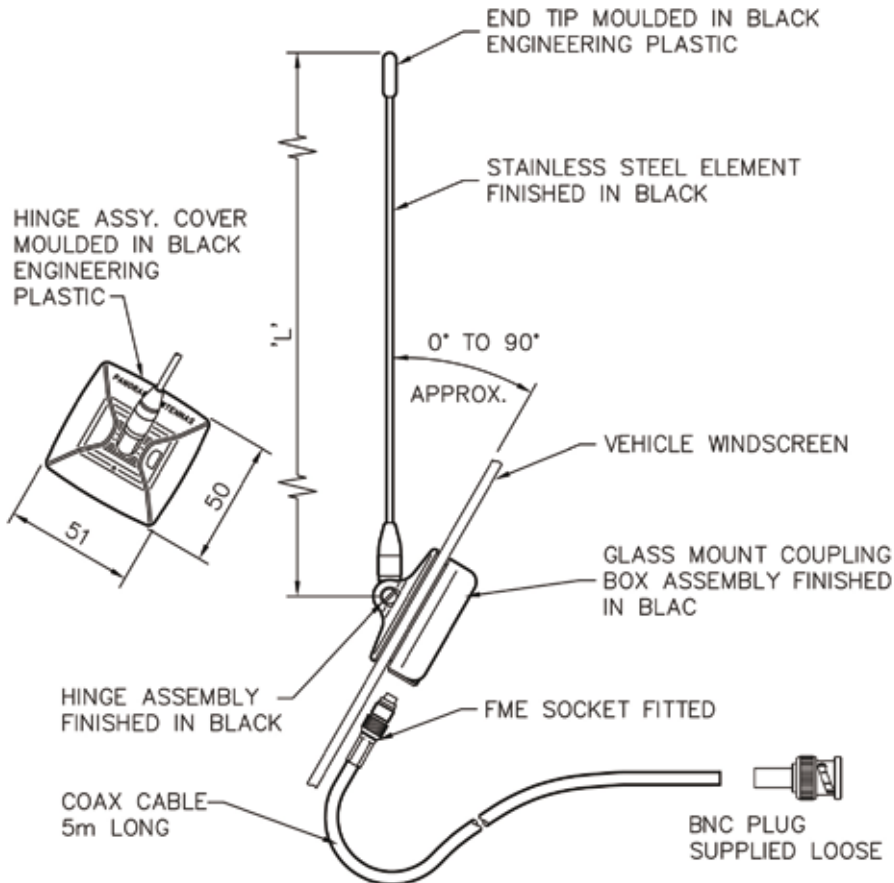
- Excellent Performance
- No-hole installation
- Solid state coupling

The Panorama Glass Mount Antenna requires no holes or special tools and can be quickly & easily installed on a windscreen or rear window.

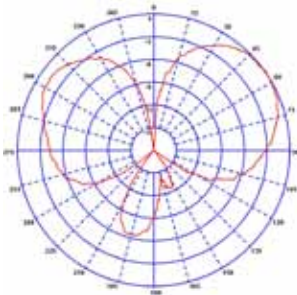
The antenna couples capacitively through the glass and its high positioning gives it an almost omni-directional radiating pattern, with performance similar to a conventionally mounted roof-top antenna.

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.

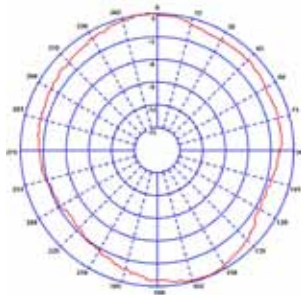
Technical Drawing



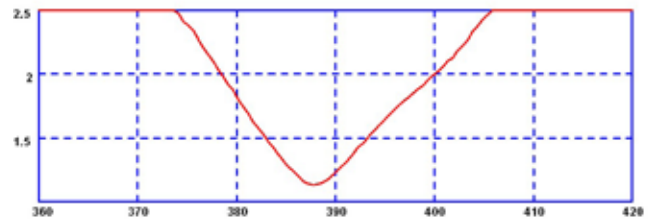
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR



Part No.		GM-R1-5BL	GM-R2-5BL	GM390-5BL	GM420-5BL	GM-S4-5BL
Electrical Data						
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
Mechanical Data						
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
Mounting Data						
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	50.4
	Width	51.4	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
Cable Data						
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*

***Connector Configurations**

BNC (loose)	GM-R1-5BL	GM-R2-5BL	GM390-5BL	GM420-5BL	GM-S4-5BL
TNC (loose)	GM-R1-5TL	GM-R2-5TL	GM390-5TL	GM420-5TL	GM-S4-5TL
FME (fitted)	GM-R1-5F	GM-R2-5F	GM390-5F	GM420-5F	GM-S4-5F
Bare End	GM-R1-5	GM-R2-5	GM390-5	GM420-5	GM-S4-5