



Product Data Sheet

Bumper Mount Antenna

TETRA UHF

Bumper Mount Antenna

BMP1

Covert application

Robust

Flexible construction



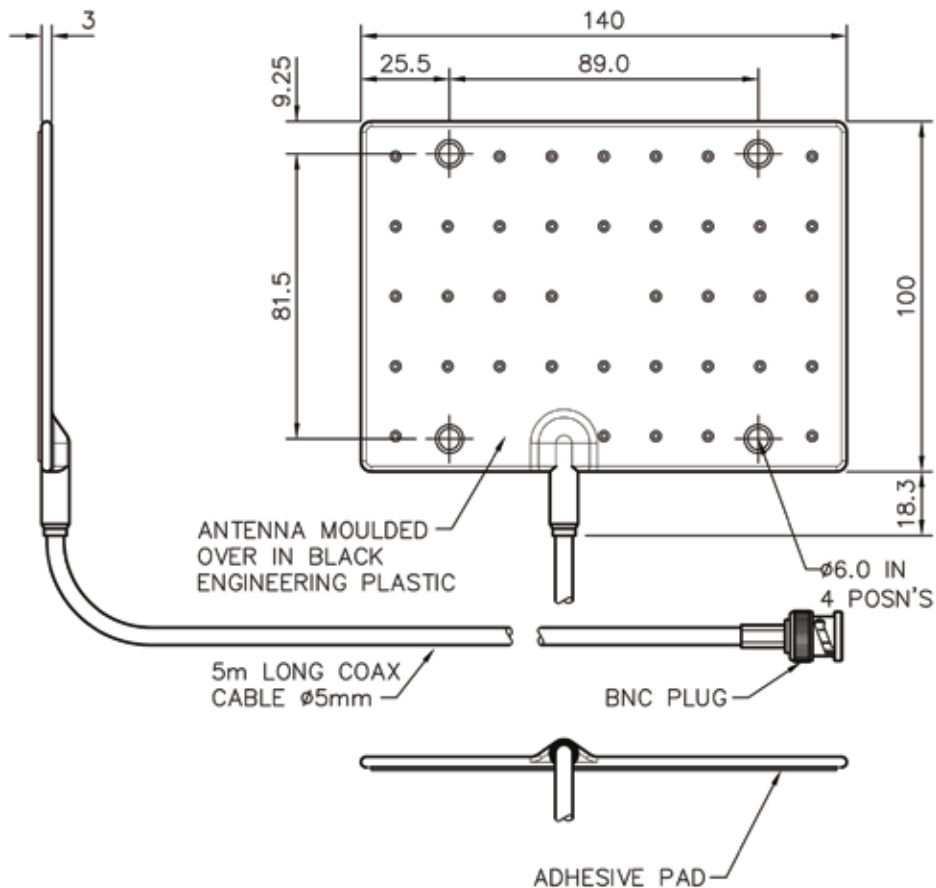
The Panorama Bumper Mount Antenna is designed for covert operations and other applications which require a vehicle antenna that is effectively invisible.

Mounted in the vehicle's bumper, installation requires no drilling and is invisible from the outside of the car.



Antenna positioning

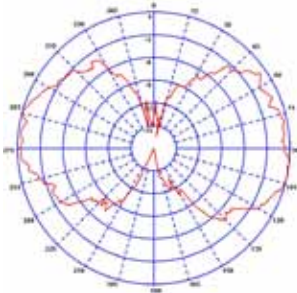
Technical Drawing



TETRA UHF

Bumper Mount Antenna

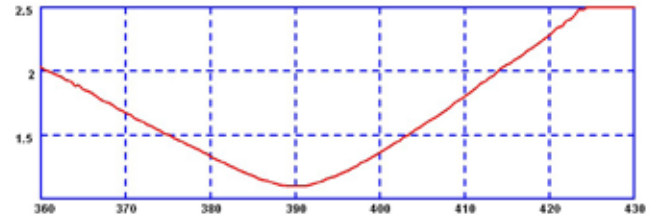
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR



Part No.	BMP1-S1-5B	BMP1-S2-5B	BMP1-U-5B
Electrical Data			
Frequency Range (MHz)	380-400	410-430	430-472
Operational Band	S1	S2	U
Gain: Isotropic	2dBi	2dBi	2dBi
Compared to ¼ wave	0dB	0dB	0dB
Bandwidth @ 1.5:1 VSWR	10%	10%	10%
Polarisation	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω
Max Input Power (W)	50	50	50
Mechanical Data			
Dimensions (mm)	Length	140	140
	Width	100	100
	Thickness	4 (including adhesive pad)	4 (including adhesive pad)
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C
Material	Engineering plastic	Engineering plastic	Engineering plastic
Colour	Black	Black	Black
Mounting Data			
Fixing	Adhesive pad & 4 × fixing moles	Adhesive pad & 4 × fixing moles	Adhesive pad & 4 × fixing moles
Cable Data			
Type	URM 76	URM 76	URM 76
Thickness (mm)	5	5	5
Length (m)	5	5	5
Termination	BNC Plug	BNC Plug	BNC Plug

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