

Bumper Mount Antenna

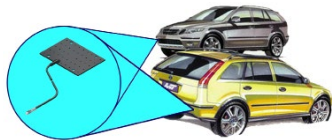
BMP1-S3



- Covert application
- Robust overmoulded design
- Fits behind vehicle bumper

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.



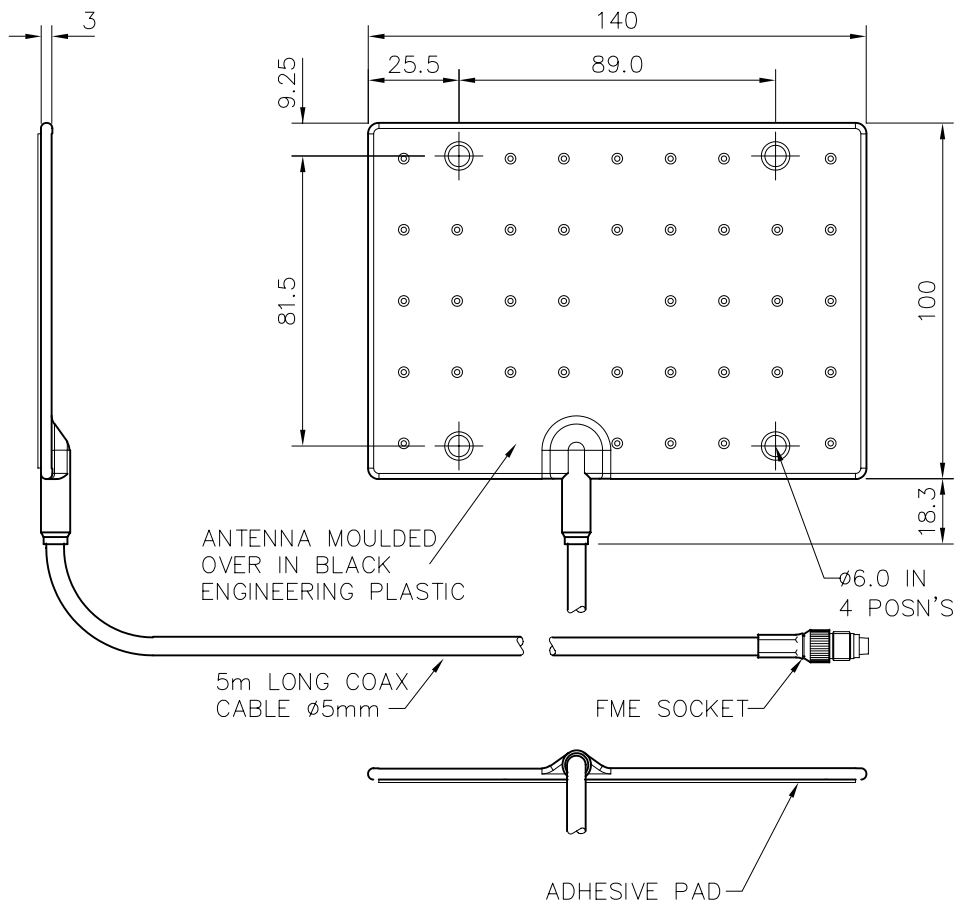
Typical antenna positioning

Connector Configurations

BNC (fitted)	BMP1-S3-5B
TNC (fitted)	BMP1-S3-5T
FME (fitted)	BMP1-S3-5F
Bare End	BMP1-S3-5

Technical Drawing

BMP1-S3-5F Shown



Bumper Mount Antenna

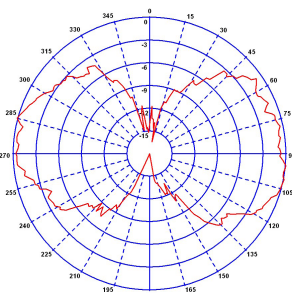
BMP1-S3

Product Data

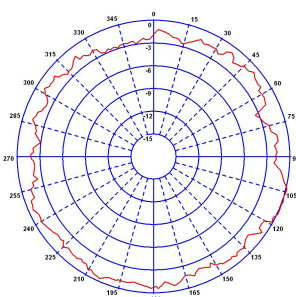
Part No.		BMP1-S3-5F
Electrical Data		
Frequency Range (MHz)		380-420
Operational Band		S3
Peak Gain: Isotropic (in free space)		0dBi
Compared to ¼ wave		-2dB
VSWR		≤ 3:1
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		25
Mechanical Data		
Dimensions (mm)	Length	140 (5.51")
	Width	100 (3.9")
	Depth (Nominal)	4 (including adhesive pad) (0.15")
Operating Temp (°C)		-40° / +80°C (-40° / +176° F)
Material		TPE
Colour		Black
Mounting Data		
Fixing		Adhesive pad & 4 × fixing holes
Cable Data		
Type		CS23 (RG58 c/u)
Diameter (mm)		5 (0.19")
Length (m)		5 (16' 4")
Termination		FME Plug ⁺
+ Other connectors available. See page 1		

Electrical Data

Typical E-Plane* (400MHz)

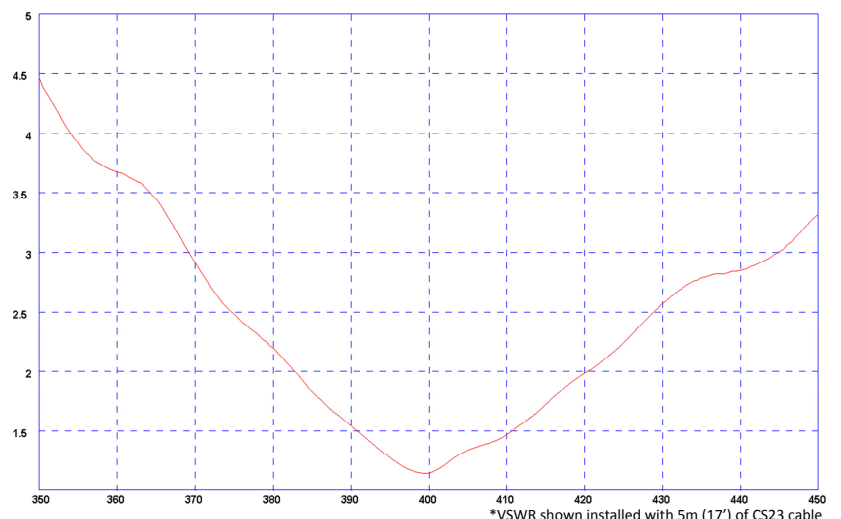


Typical H-Plane* (400MHz)



*E+H plane patterns shown measured in free space

Typical VSWR*



*VSWR shown installed with 5m (17') of CS23 cable