



Product Data Sheet

Bracket Antenna

TETRA UHF

Bracket Mount Antenna



BM420

Used with fixed radio terminals

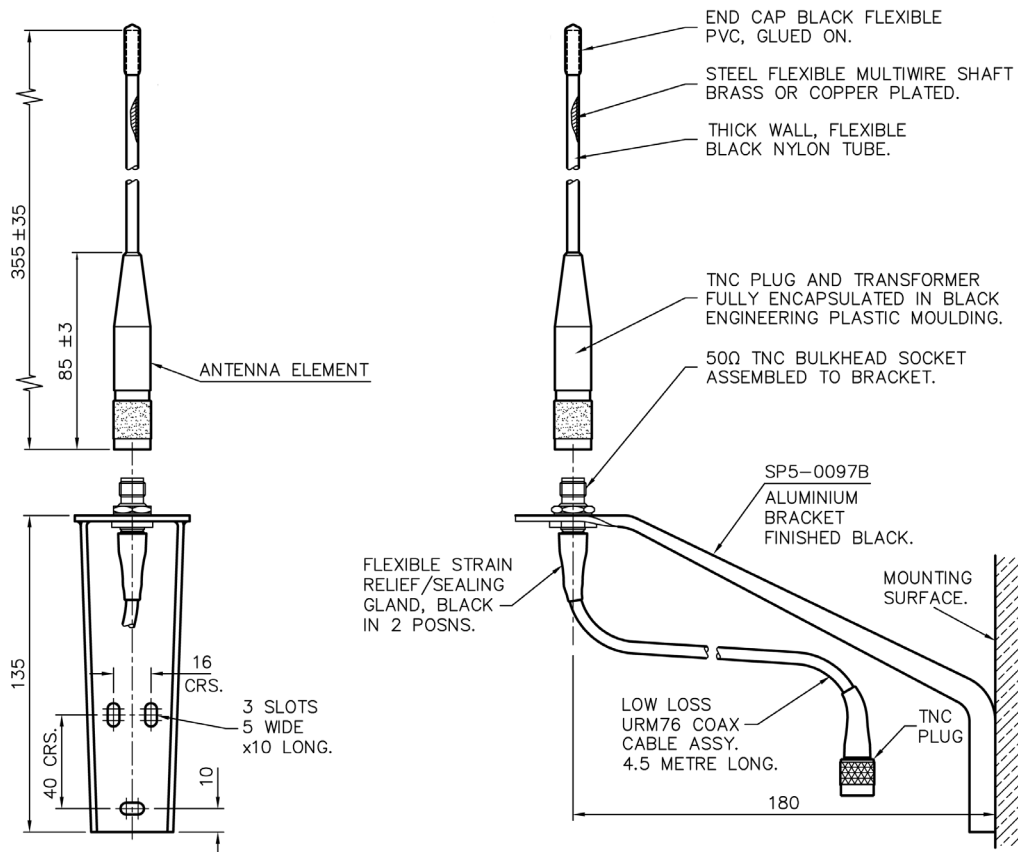
Improves range

Wall mount or mast mount options

The bracket mount antenna range are easy to install solutions ideal for Police stations and public safety buildings.

Emergency services often need a dispatcher in the hub to co-ordinate the activities of the various forces. The BM range provides a simple and reliable solution to this complicated activity.

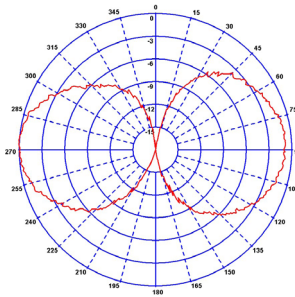
Technical Drawing



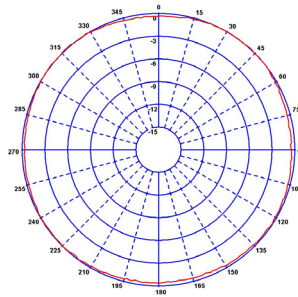
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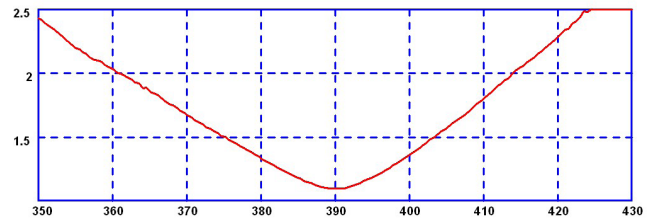
E-Plane (420MHz)



H-Plane (420MHz)



Typical VSWR



Part No.		BM420
Electrical Data		
Frequency Range (MHz)	410-430	
Operational Band	S1	
Gain: Isotropic	4dBi	
Compared to ¼ wave	2dB	
Bandwidth @ 2:1 VSWR	8%	
Polarisation	Vertical	
Pattern	Omni directional	
Impedance	50Ω	
Max Input Power (W)	20	
Mechanical Data		
Dimensions (mm)	Total Length	490
	Length of whip	355
Off-Set from wall (mm)	180	
Operating Temp (°C)	-40° / +80°C	
Colour	Black	
Mast diameter range (mm)	50.8 / 32.0	
Cable Data		
Type	URM76	
Length (m)	4.5	
Colour	Black	
Thickness (mm)	5	
Termination	TNC plug	

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