

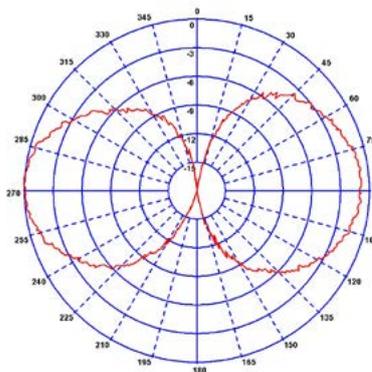


- Used with fixed radio terminals
- Improves range
- Wall mount or mast mount options

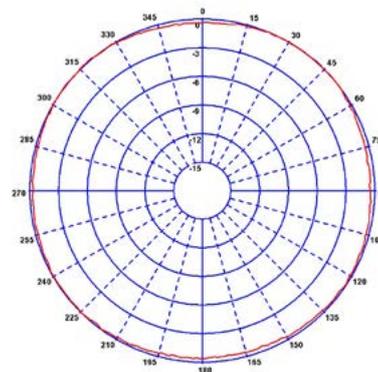
The bracket mount antenna range are easy to install solutions ideal for Police stations and public safety buildings.

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.

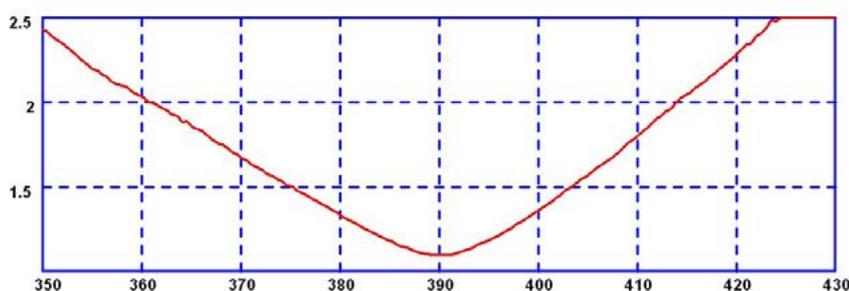
Typical E-Plane (420MHz)



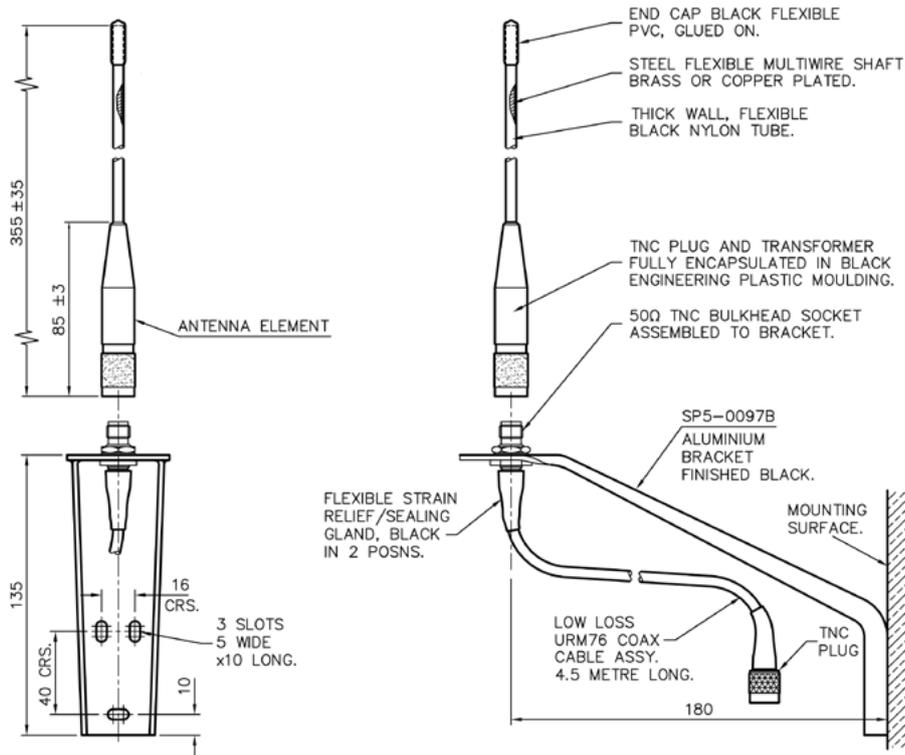
Typical H-Plane (420MHz)



*Typical VSWR



*Measured on supplied bracket with 5m (17') of CS23 Cable



Part No.

	BM390	BM420	BM450
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Electrical Data

Frequency Range (MHz)	380-400	410-430	437-475
Operational Band	S1	S2	U
Peak Gain: Isotropic		4dBi	
Compared to ¼ wave		2dB	
Bandwidth @ 2:1 VSWR		8%	
Polarisation		Vertical	
Pattern		Omni directional	
Impedance		50Ω	
Max Input Power (W)		5	

Mechanical Data

Dimensions (mm)	Total Length	555 (21.9")	490 (19.2")	475 (18.7")
	Length of whip	420 (16.5")	355 (13.9")	340 (13.4")
Off-Set from wall (mm)			180 (7")	
Operating Temp (°C)		-40° / +80°C (-40° / + 176°F)		
Colour		Black		

Cable Data

Type	CS23 – RG58 C/U
Length (m)	4.5 (14' 9")
Colour	Black
Diameter (mm)	5 (0.1")
Termination	TNC plug

Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.
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