



Product Data Sheet

Bracket Antenna

TETRA UHF

Bracket Mount Antenna



BM

Used with fixed radio terminals

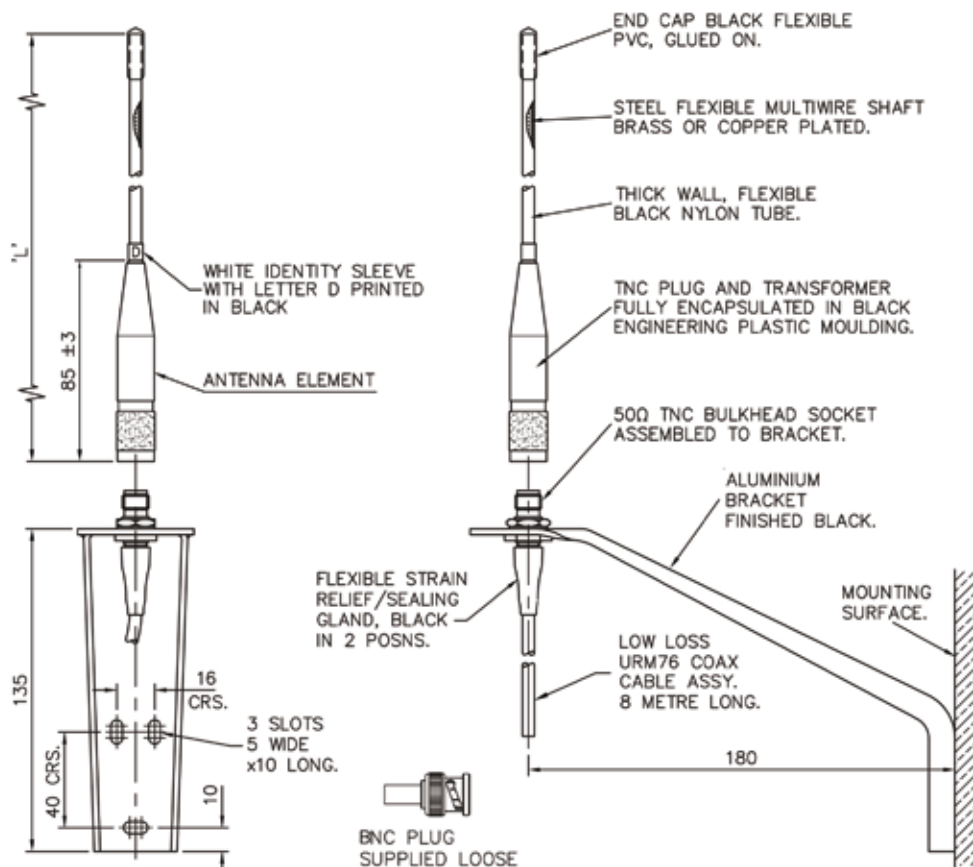
Improves range

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.

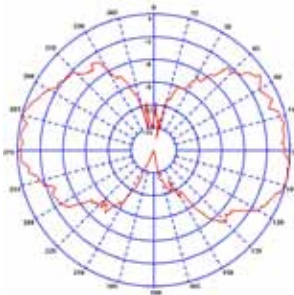
Technical Drawing



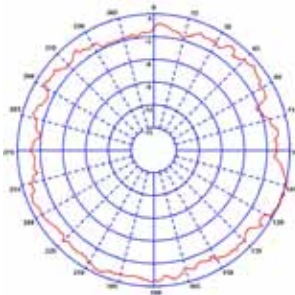
TETRA UHF

Bracket Mount Antenna

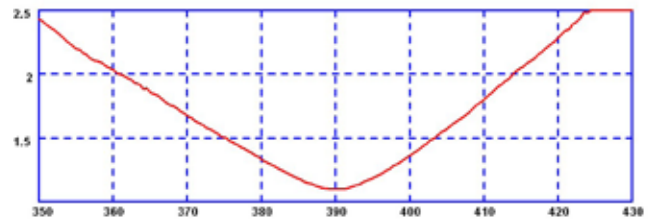
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR



Part No.	BM390-8BL	BM420-8BL	BM450-8BL
Electrical Data			
Frequency Range (MHz)	380-400	410-430	430-472
Operational Band	S1	S2	U
Gain: Isotropic	4dBi	4dBi	4dBi
Compared to ¼ wave	2dB	2dB	2dB
Bandwidth @ 2:1 VSWR	8%	8%	8%
Polarisation	Vertical	Vertical	Vertical
Pattern	Omni directional	Omni directional	Omni directional
Impedance	50Ω	50Ω	50Ω
Max Input Power (W)	20	20	20
Mechanical Data			
Dimensions (mm)	Total Length	555	475
	Length of whip	420	340
Off-Set from wall (mm)	180	180	180
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C
Colour	Black	Black	Black
Mast diameter range (mm)	50.8 / 32.0	50.8 / 32.0	50.8 / 32.0
Cable Data			
Type	URM76	URM76	URM76
Length (m)	8	8	8
Colour	Black	Black	Black
Thickness (mm)	5	5	5
Termination	Bare end with loose BNC plug	Bare end with loose BNC plug	Bare end with loose BNC plug

Panorama Antennas Ltd
Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444
F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com
www.panorama-antennas.com

PANORAMA  ANTENNAS