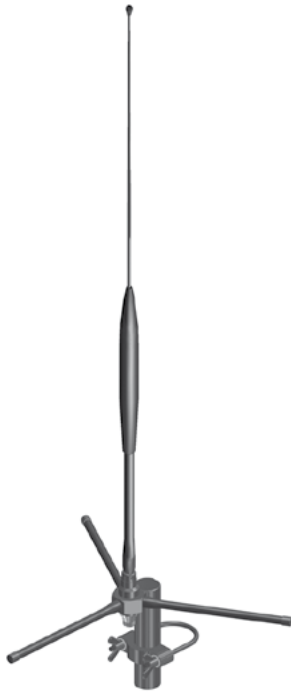


# TETRA UHF

## Elevated Gain Antenna

04/04/2016 v3



### BSU-TETG5

5dBi Omni-directional Gain

Mast Mount

Temporary or Permanent

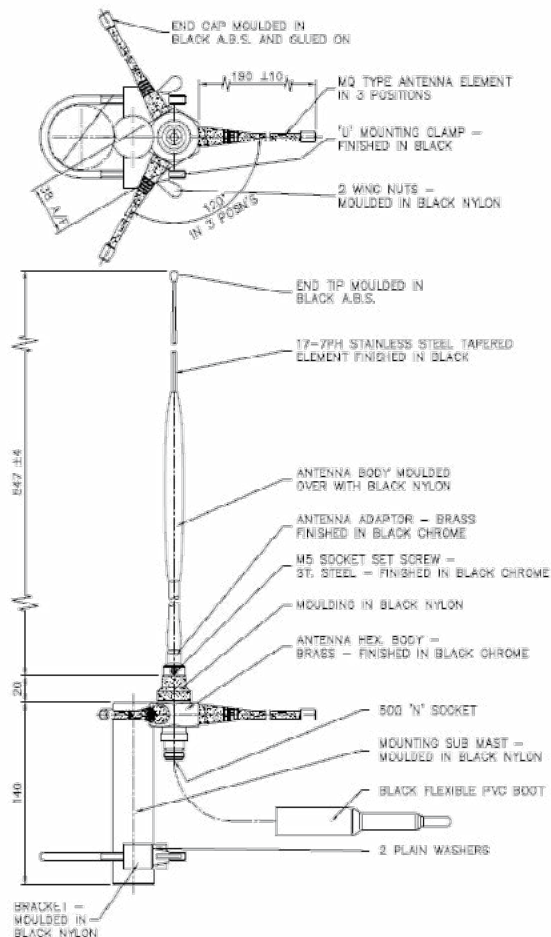
Quick Assembly

The BSU-TETG5 type antenna is a 5dBi gain ruggedized product and is suitable for temporary field use or permanent installation. It has a black plated brass centre hub, which is mounted on a nylon stub mast and is supplied with mounting hardware.

The hub has a N socket terminal which allows use of different types and diameter coaxial cable, depending on cable length required. The broad band co-linear radiating element is fitted to the centre of the hub and three flexible ¼ wave elements provide the ground plane.

Typical applications for this antenna are for use on mobile pump up mast, fixed radio terminal (FRT) and mobile/fixed repeater installations.

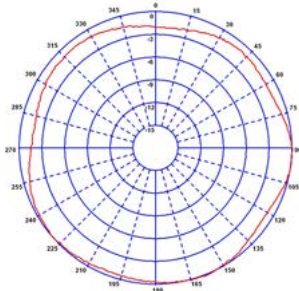
### Technical Drawing



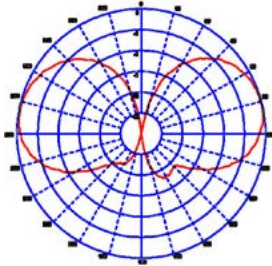
# TETRA UHF

## Elevated Gain Antenna

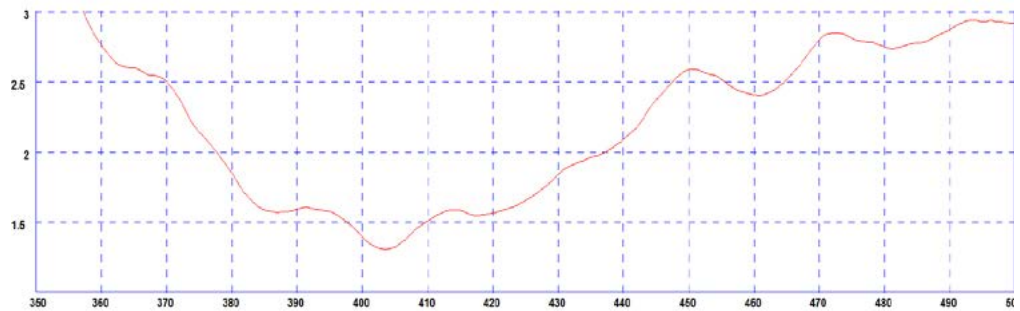
Typical H-Plane (390MHz)



Typical E-Plane (390MHz)



Typical VSWR\*



\* All electrical measurements taken in free space with 5m (17') of CS23 cable.

### Part No.

BSU-TETG5

### Electrical Data

Frequency Range (MHz)	380-430
Operational Band	TET
Peak Gain: Isotropic	5dBi
Compared to ¼ wave	3dB
Typical VSWR	≤ 2:1
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	50

### Mechanical Data

Dimensions (mm)	Total Height	707 (2.3')
	Radial Length	190 (7.5")
Operating Temp (°C)	-30° /+80°C (-22° /176° F)	
Colour	Black	
Materials	Brass- black chrome plated & Nylon	

### Termination Data

Termination	N socket
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PANORAMA  ANTENNAS

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

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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