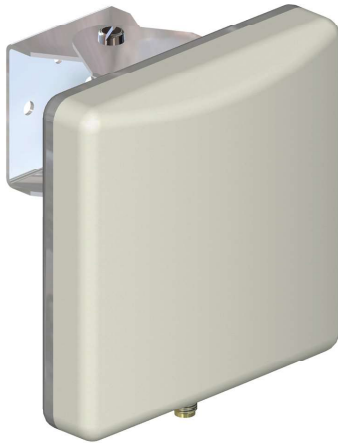


# W36-CP-9

LTE / 5G | CBRS

05/07/2019 v.A



High gain SiSo directional antenna

Covers 3.4-3.8GHz for CBRS / 5G LTE Bands 42,43 & 48

Ideal coverage extender for large rooms,  
car parks & warehouses

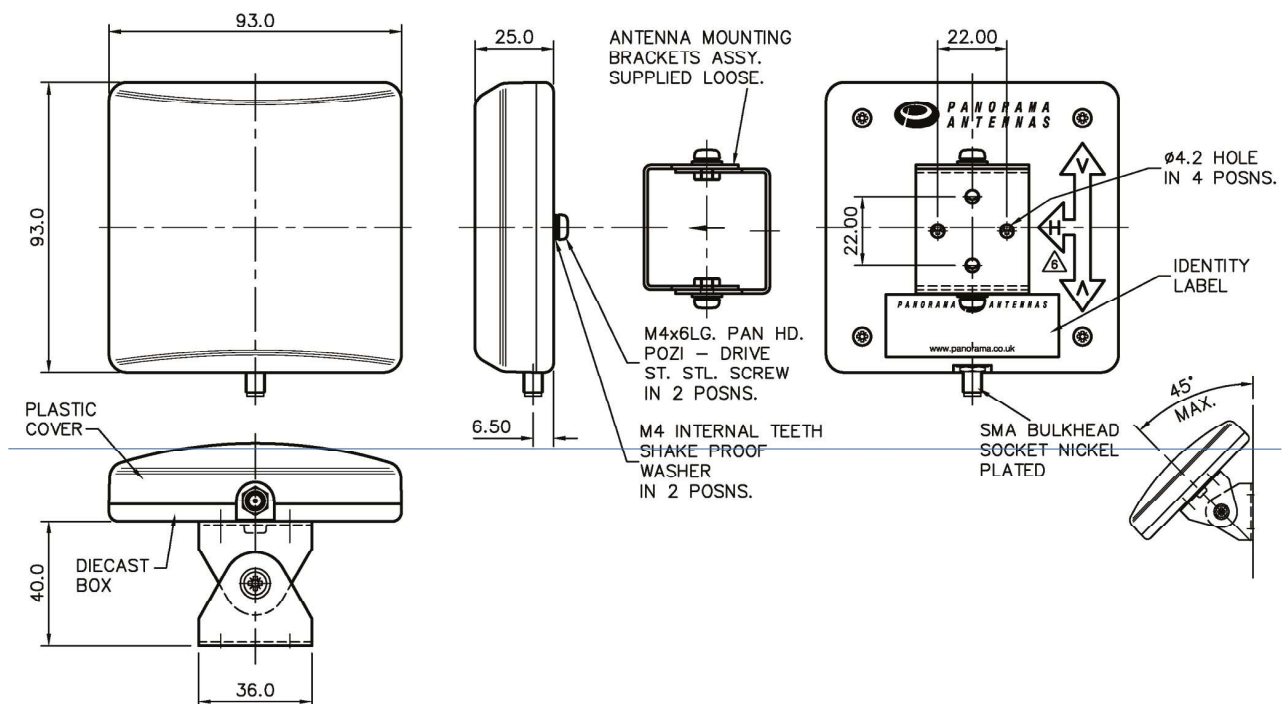
The Panorama client patch antenna is a directional wall or mast mounted antenna covering 3.4-3.8GHz for CBRS / 5G LTE (LTE Bands 42, 43 & 48) applications.

This antenna is ideal for point to point communications or can be used to cover a wide area thanks to its relatively wide beamwidth in the horizontal and vertical planes. Several of these antennas can be used to provide cost effective sector coverage.

The antenna is supplied with a 90 degree adjustable wall / mast mount angle bracket to give optimal mounting flexibility.

Ideal to infill network coverage black spots or to provide a consistent connection for subscriber terminals the W36-CP-9 is a cost effective solution to network coverage issues.

## Technical Drawing



**PANORAMA ANTENNAS**

Panorama Antennas Ltd

Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444

F: +44 (0)20 8877 4477

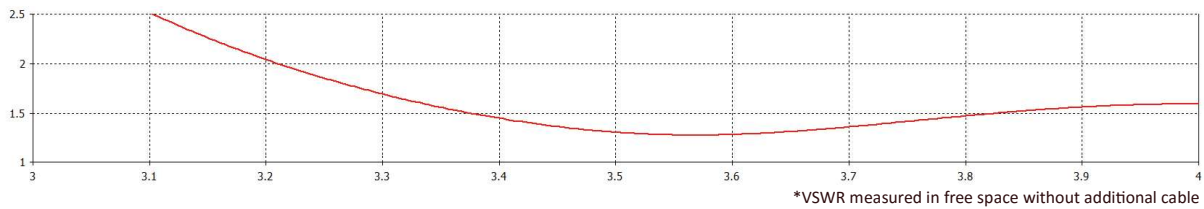
E: sales@panorama-antennas.com

www.panorama-antennas.com

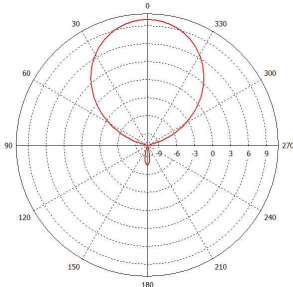
Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.

Copyright © Panorama Antennas Ltd. All rights reserved.

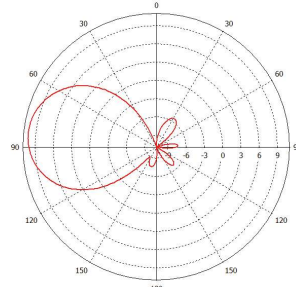
Typical VSWR\*



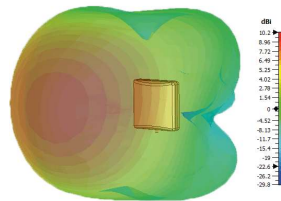
Typical H-Plane (3600MHz)



Typical E Plane (3600MHz)



Typical 3D (3600MHz)



## Part No.

W36-CP-9

## Electrical Data

Frequency Range (MHz)		3400-3800
Operational Bands		3.6GHz - LTE Bands 42,43 & 48 CBRS
VSWR*		≤ 1.5:1
Peak Gain: Isotropic*		10dBi
Pattern		Directional
3dB Beamwidth	Azimuth 3.6GHz	50°
	Elevation 3.6GHz	50°
Polarisation		Vertical
Impedance		50Ω
Max Input Power (W)		50

## Mechanical Data

Dimensions (mm)	Height	93 (3.66")
	Width	93 (3.66")
	Depth	25 (0.98")
Operating Temp (°C)	-40° / +80°C (-40° / +178°F)	
Material	LEXAN EXL & die cast aluminium	
Colour	White	

## Mounting Data

Fixing	Wall mount or Mast mount
--------	--------------------------

## Environmental Specification

Wind Load / Resistance	11N at 150km/h
Radome Flammability	UL94 V0 - Halogen Free

## Connector Data

Termination	SMA socket
-------------	------------

\*VSWR and Peak Gain simulated in CST Microwave Studio

**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.

Copyright © Panorama Antennas Ltd. All rights reserved.