

# LoRa / LPWAN Light Duty Base Station Antenna

B6SE-[VAR]-03NJ

PANORAMA ANTENNAS

## LoRa /LPWAN Light Duty Base Station



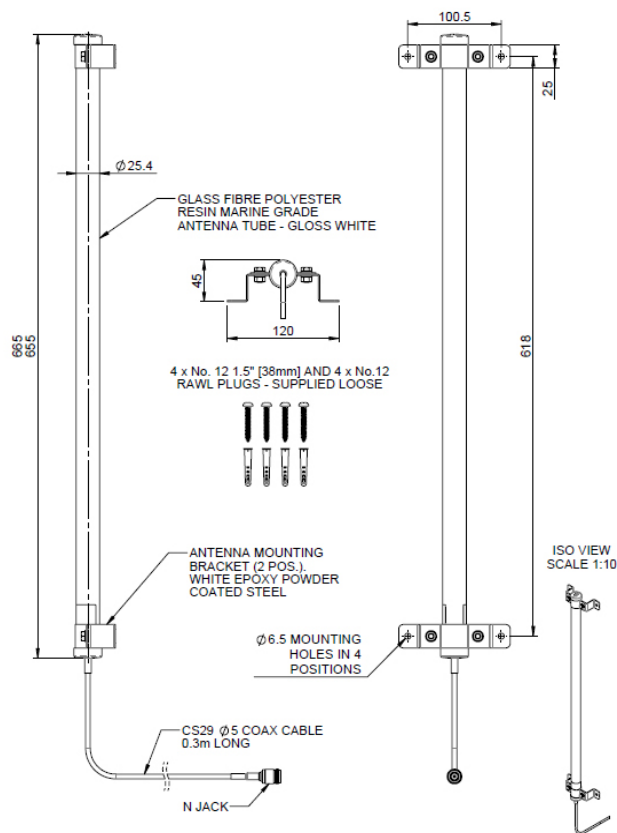
- 6dBi Peak Gain
- Wall Mount
- Durable Construction

The Panorama B6SE-[VAR]-03NJ is designed to decrease the lifetime cost of M2M and LoRa applications by offering a robust light duty base station for challenging signal environments.

The antenna offers high gain omni-directional performance for the 868MHz and 915MHz frequency band. The efficient element design ensures a high first time connection rate and an ongoing, robust communications link even in many low coverage areas.

The antenna can be installed using the supplied wall mount brackets.

### Technical Drawing



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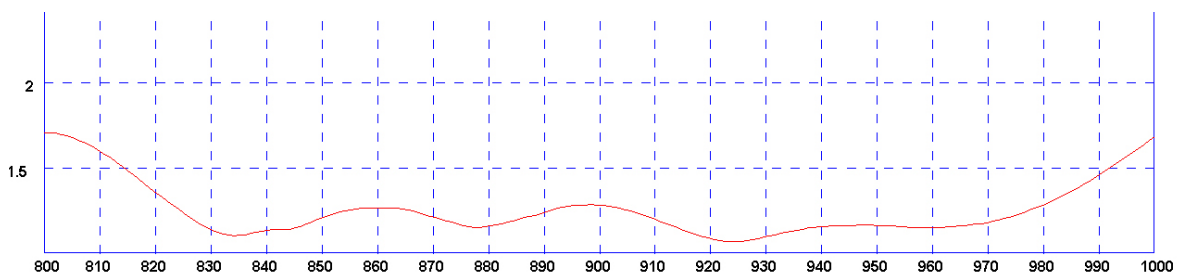
## Product Data

Part No.	B6SE-868-03NJ	B6SE-915-03NJ
<b>Electrical Data</b>		
Frequency Range (MHz)	863-875	880-960
Peak Gain†	6dBi	
Polarisation	Vertical	
Pattern	Omni-directional	
Impedance	50Ω	
Max input power (W)	20	
<b>Mechanical Data</b>		
Dimensions (mm)	Height	665 ± 10 (26.18")
	Diameter	25.5 (1")
Operating Temp (°C)	-30° / +70°C (-30° / 158°F)	
Material	Stainless Steel and GRP	
Colour	White	
<b>Mounting Data</b>		
Fixing	Wall mount saddle brackets	
<b>Cable Data</b>		
Cable Type	CS29	
Diameter (mm)	5 (0.2")	
Length (m)	0.3 (1')	
Termination	N Jack	

† Peak gain does not include cable attenuation

## Typical VSWR\*

## VSWR

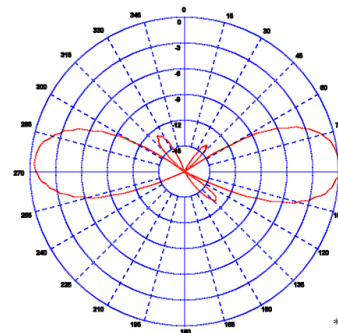
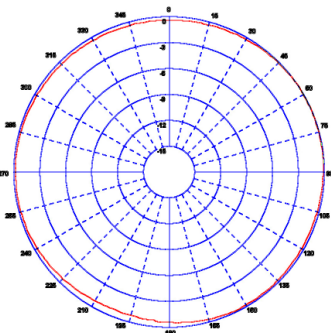


\*VSWR measured with B6SE-868-03NJ in free space with 10m (33') of CS240 cable

## Typical H plane (850MHz)\*

## Typical E plane (850MHz)\*

## Patterns



\* Measured with B6SE-868-03NJ

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