

LoRa / LPWAN Light Duty Base Station Antenna

B6SE-[VAR]-03NJ

PANORAMA ANTENNAS



LoRa / LPWAN Light Duty Base Station

6dBi Peak Gain

Wall Mount

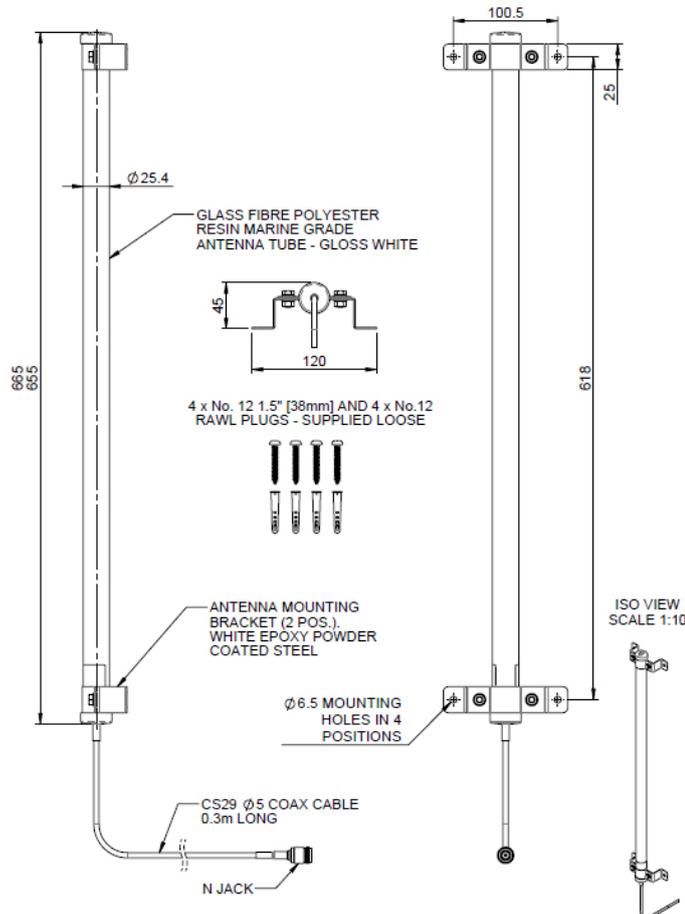
Durable Construction

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 either the 868MHz or 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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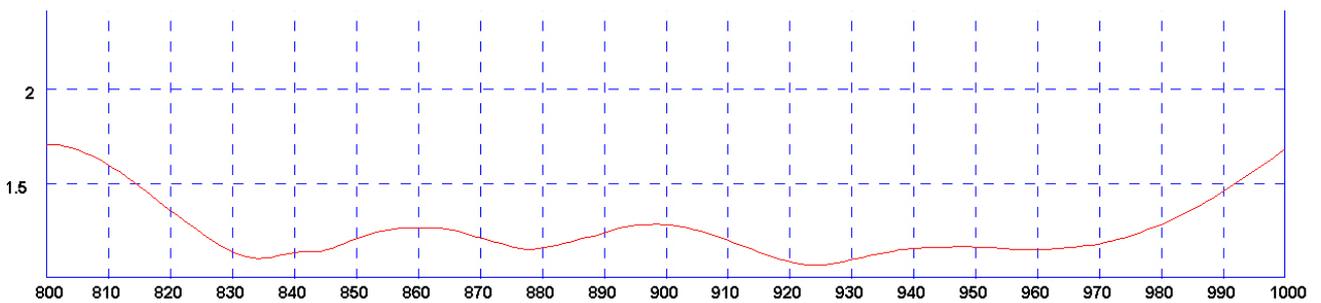
Product Data

Part No.	B6SE-868-03NJ	B6SE-915-03NJ
Electrical Data		
Frequency Range (MHz)	863-875	880-960
Peak Gain	6dBi	
Polarisation	Vertical	
Pattern	Omni-directional	
Impedance	50Ω	
Max input power (W)	20	
Mechanical Data		
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	
Mounting Data		
Fixing	Wall mount saddle brackets	
Cable Data		
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

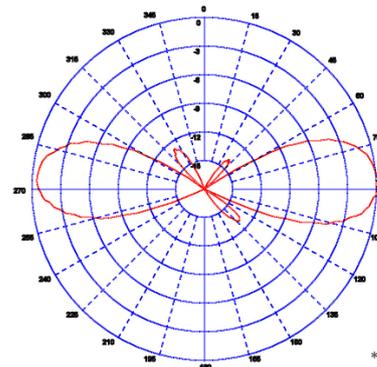
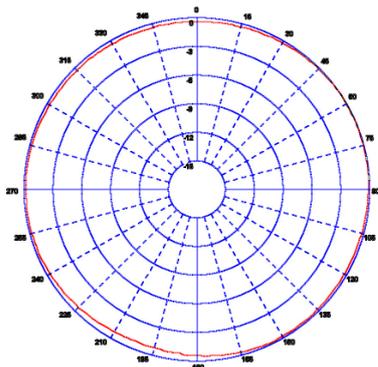


*VSWR measured with B6SE-868-03NJ in free space with 10m (33') of CS240 cable

Typical H plane (850MHz)*

Typical E plane (850MHz)*

Patterns



* Measured with B6SE-868-03NJ