

# LoRa / LPWAN Light Duty Base Station Antenna

B6SE-[VAR]-03NJ

PANORAMA ANTENNAS



## LoRa /LPWAN Light Duty Base Station

6dBi Peak Gain

Wall Mount

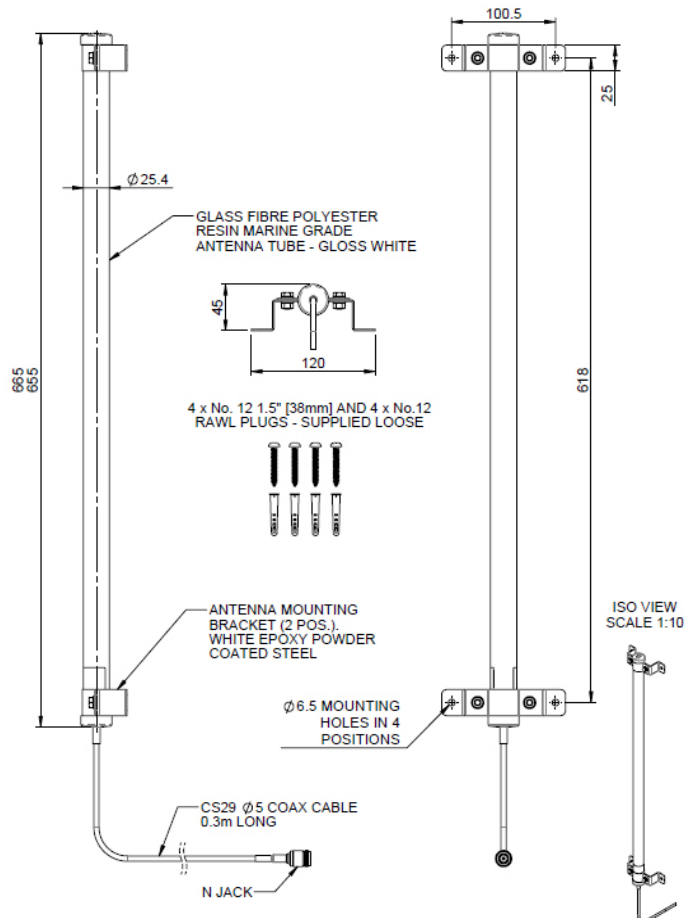
Durable Construction

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



# LoRa / LPWAN Light Duty Base Station Antenna

B6SE-[VAR]-03NJ

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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')

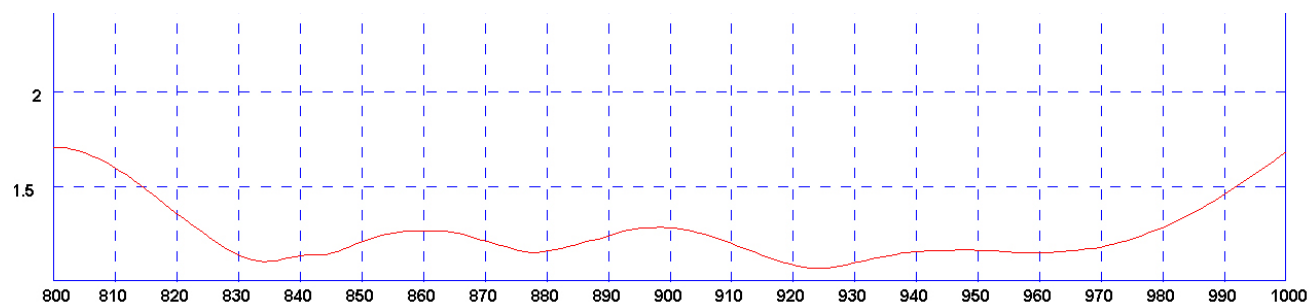
Termination

N Jack

+ Peak gain does not include cable attenuation

### Typical VSWR\*

### VSWR

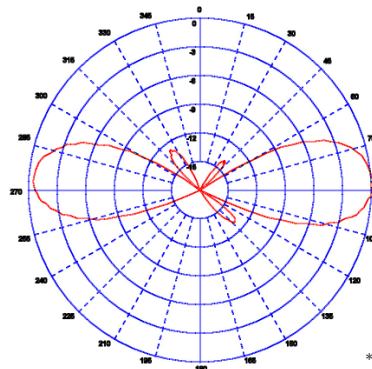
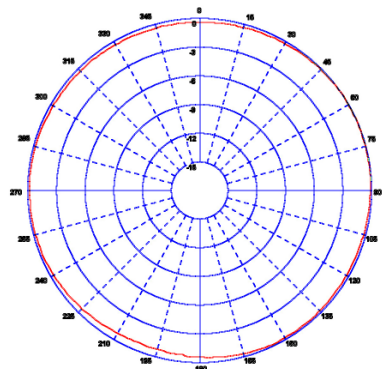


\*VSWR measured with B6SE-868-03NJ in free space with 10m (33') of CS240 cable

### Typical H plane (850MHz)\*

### Typical E plane (850MHz)\*

### Patterns



\* Measured with B6SE-868-03NJ

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