

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

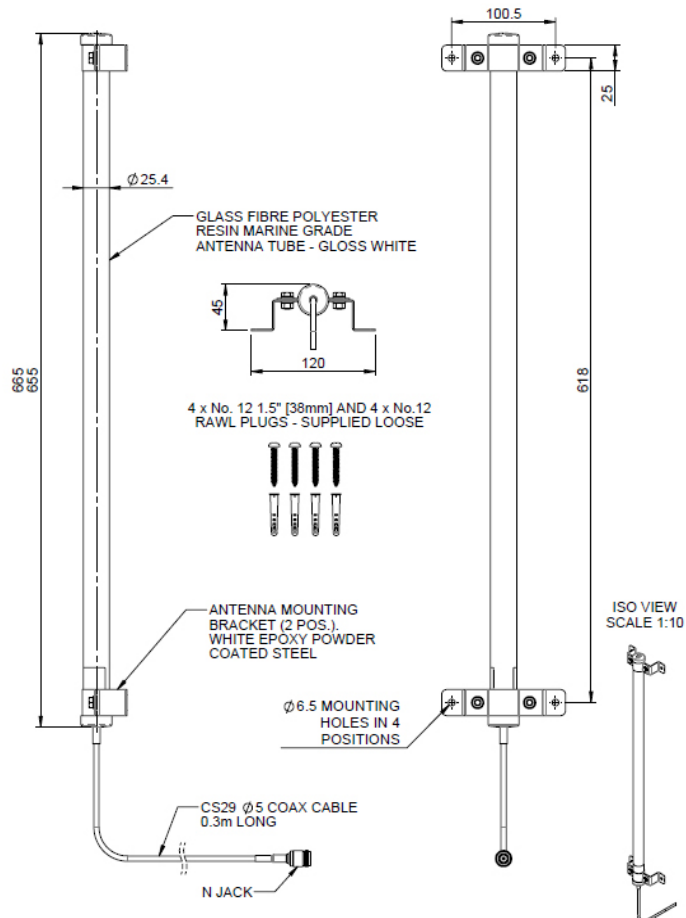
The Panorama B6SE-[VAR]-03NJ is designed to decrease the lifetime cost of M2M and LoRa applications by offering a robust light duty base station for challenging signal environments.

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')

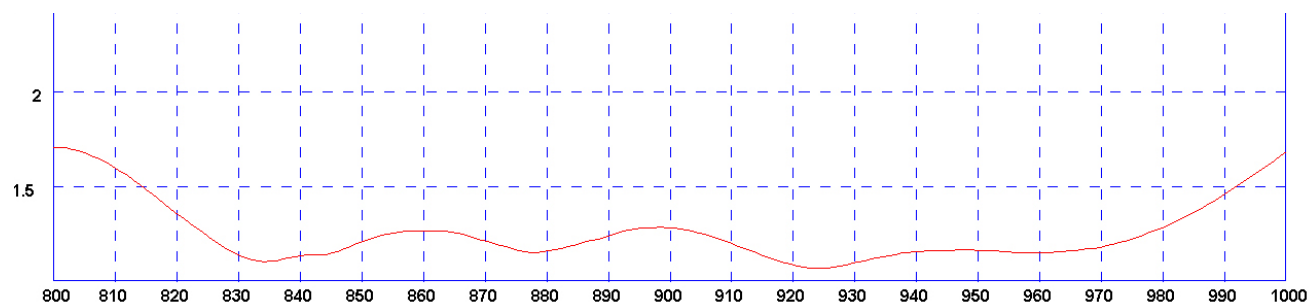
Termination

N Jack

+ Peak gain does not include cable attenuation

Typical VSWR*

VSWR

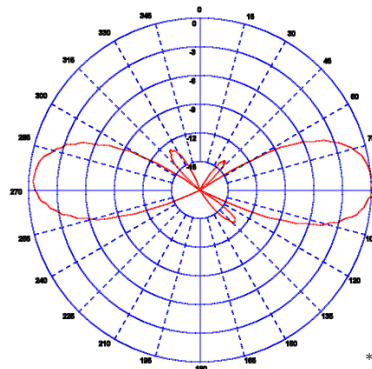
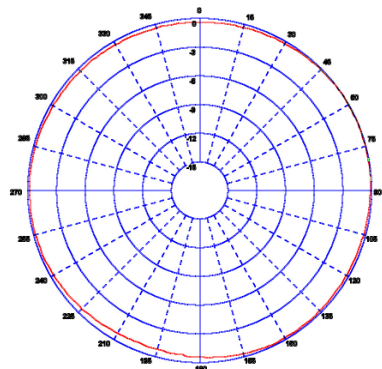


*VSWR measured with B6SE-868-03NJ in free space with 10m (33') of CS240 cable

Typical H plane (850MHz)*

Typical E plane (850MHz)*

Patterns



* Measured with B6SE-868-03NJ

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