

# LPBE-868-2SP

868MHz Panel Mount Antenna

Issue Date: 01/06/2018 vA



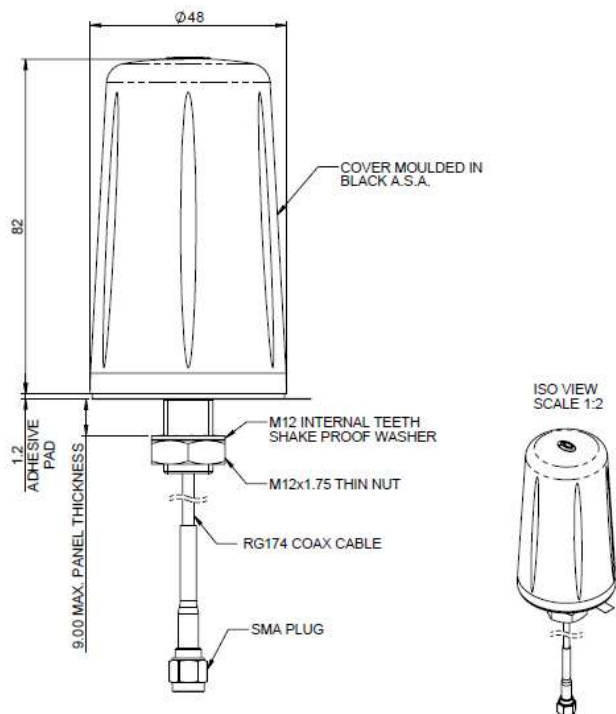
Robust panel mount antenna  
Efficient 868MHz coverage

The Panorama LPBE is a range of low cost high performance antennas for challenging applications. At only 82mm (3.22") high and protected by a robust high impact radome the antenna is almost impervious to daily wear, tear and impact.

The LPBE offers excellent performance across a wide bandwidth when mounted on a 300mm diameter groundplane or optional accessory bracket.

Supplied with a convenient adhesive pad and flexible RG174 cable the LPBE is easy to install and compatible with a large range of modems.

## Technical Drawing



Part No.

LPBE-868-2SP

Electrical Data

Frequency Range (MHz) 868 MHz

2dBi

Typical VSWR\* <2:1

Polarisation Vertical

Pattern Omni-directional

Impedance 50Ω

Max input power (W) 20

Mechanical Data

Dimensions (mm) Height 82 (41")  
Diameter 40 (1.6")

Operating Temp (°C) -30° / +70°C (-30° / 158°F)

Material ASA

Colour Black

Mounting Data

Fixing M12 Panel Mount

Cable Data

Cable Type RG174

Diameter (mm) 2.8 (0.11")

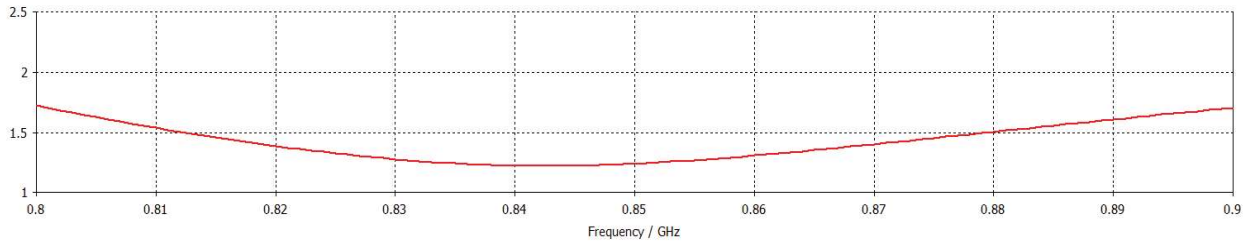
Length (m) 2 (6.6")

Termination SMA (m)

\* Peak gain does not include cable attenuation

Typical VSWR\*

VSWR

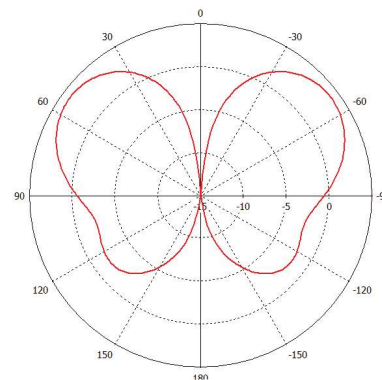
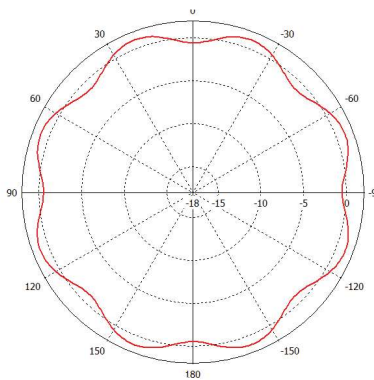


\*VSWR simulated in CST Microwave Studio

Typical H plane (868MHz)

Typical H plane (868MHz)

2D Patterns



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.