

# LPB-24-58-NJ

Dual Band WiFi Antenna

PANORAMA ANTENNAS

30/05/2019 v2



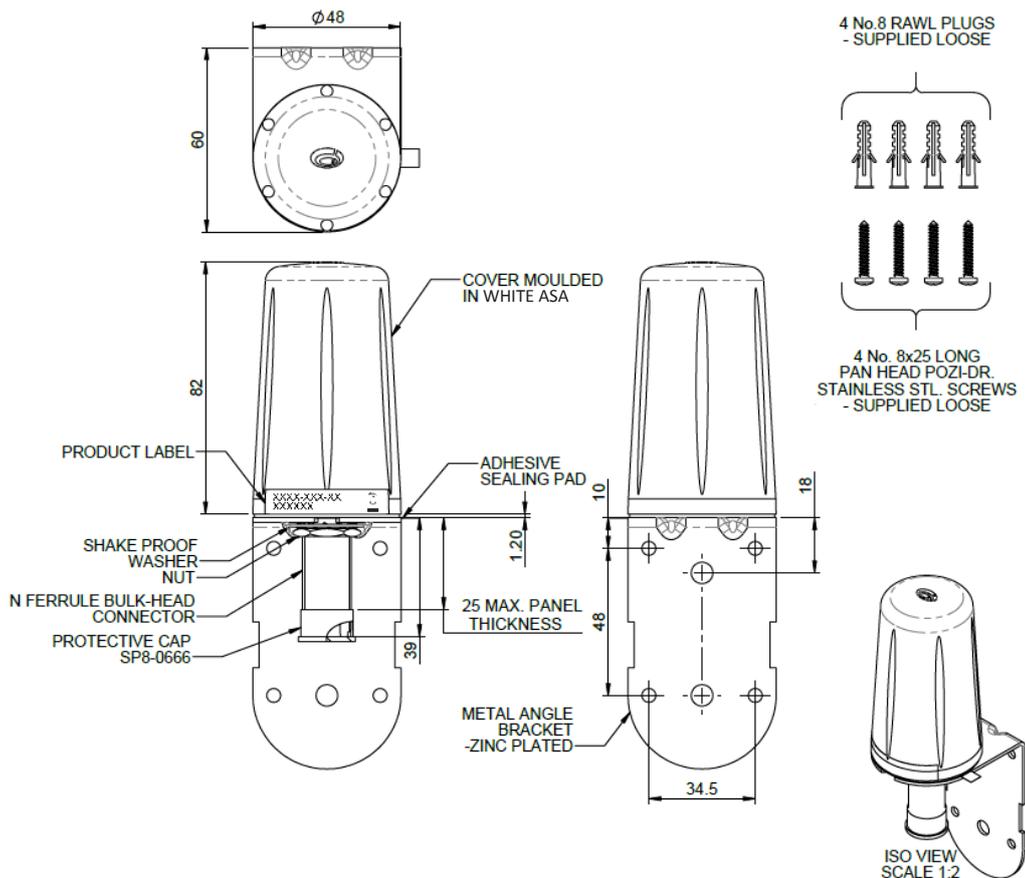
- Robust panel or bracket mount antenna
- Rugged low profile design
- Excellent bandwidth
- N female connector

The Panorama LPB low profile antenna range has been designed to perform even in extreme environments. At only 82mm (3.22") high and protected by a robust high impact, flame retardant (halogen free) radome the antenna is almost impervious to daily wear, tear and impact.

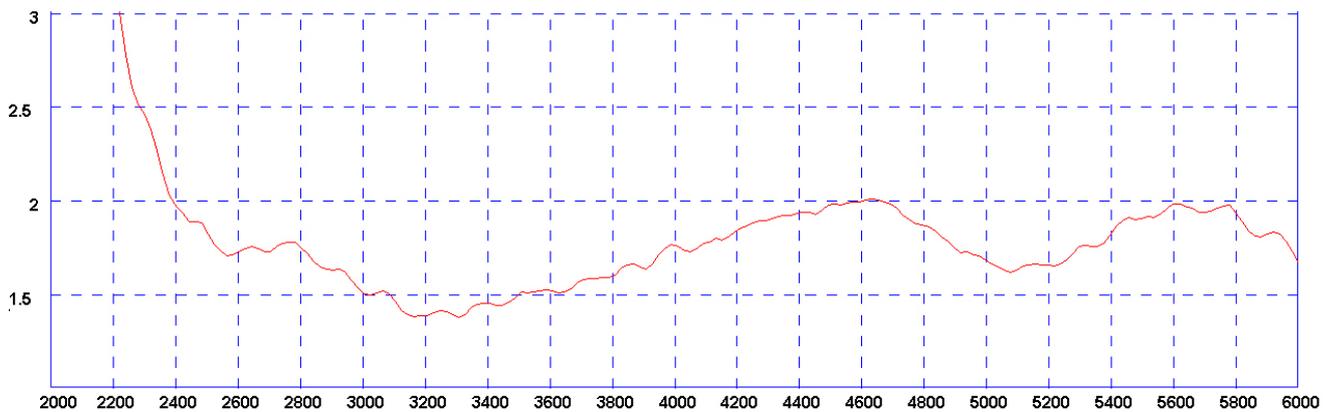
The LPB-24-58 offers excellent performance across a wide bandwidth. The antenna does not require a groundplane and covers WiFi frequencies across 2.4 and 5.0GHz as well as LTE band 22 - 3.4-3.6GHz making it an extremely versatile product.

Supplied with a convenient adhesive pad and a robust N female type connector the antenna is cost effective to install and adaptable to any install environment.

## Technical Drawing



Typical VSWR\*



\*All measurements taken in free space at N connector.

Part No.	
LPB-24-58-NJ	
Electrical Data	
Frequency Range (MHz)	2396-6000MHz
Operational Band	2.4/5.0GHz WiFi   3.5GHz LTE Band 22   4.9GHz Public Safety
Peak Gain: *	2.4GHz 4dBi
	5.0GHz 5dBi
VSWR	<2:1
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	60
Mechanical Data	
Dimensions	Height 82 (3.22")
(mm)	Diameter 48 (1.89")
Operating Temp (°C)	-40°/+80°C (-40°/176°F)
Material	PC/ASA
Colour	White
Flame Retardance	UL94-V0
Mounting Data	
Fixing	Panel mount or Bracket Mount
Hole Diameter (mm)	16 (5/8")
Max Panel Thickness (mm)	25(1")
Connector Data	
Type	N Female