

868MHz Wall Mount Antenna

LPW-868

LPW-868

- Low profile
- Adhesive or screw mount
- Multiple cable routing options



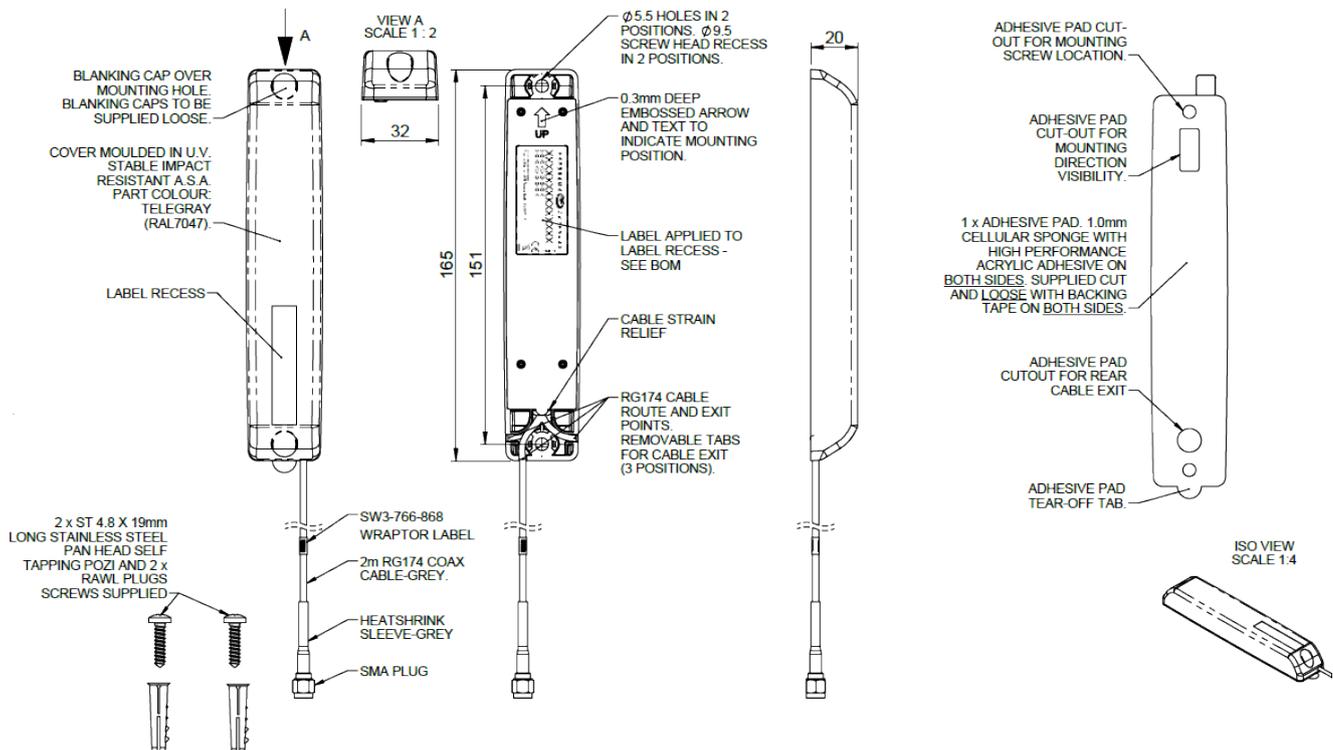
The Panorama LPW antenna is designed to decrease the lifetime cost of M2M and smart metering installations by offering a robust, effective antenna that is easy to install.

The antenna offers ground-plane independent omnidirectional performance across the 868MHz band. The efficient element design ensures a high first time connection rate and an ongoing, robust communications link.

The antenna can be installed using the supplied industrial grade adhesive pad or via the integrated screw mounting bosses. Performance may change based on mounting surface.

Technical Drawing

LPW-868-2SP shown



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Product Data

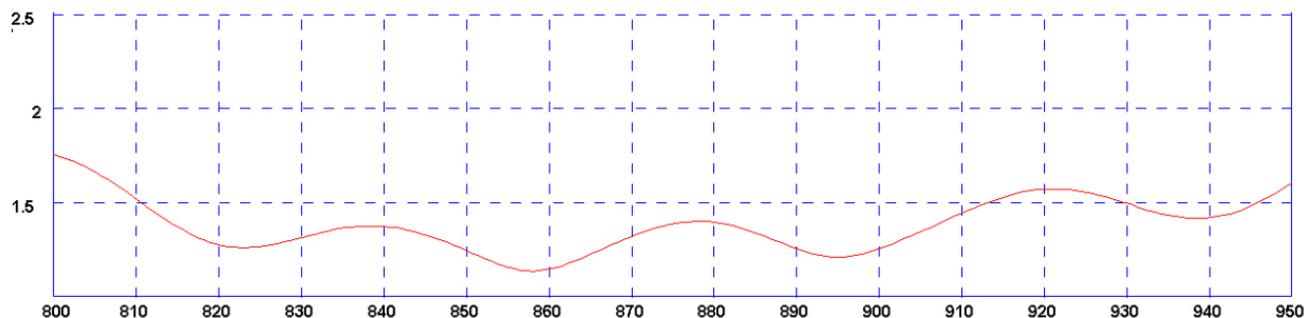
Part No.		LPW-868-2SP
Electrical Data		
Frequency Range (MHz)		868MHz
Peak Gain: Isotropic †	868MHz	2dBi
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max input power (W)		20
Mechanical Data		
Dimensions (mm)	Height	20 (0.79")
	Length	165 (6.5")
	Depth	32 (1.26")
Operating Temp (°C)		-30° / +70°C (-30° / 158°F)
Material		ASA Plastic
Colour		RAL 7047- Grey
Mounting Data		
Fixing		Acrylic adhesive pad and 2x ST/STL 4.8/19mm screws
Cable Data		
Cable Type		RG174
Diameter (mm)		2.8 (.1")
Length (m)		2(6.6')
Attenuation (db/m)	868MHz	< 1.2
Termination		SMA Plug

868MHz Panel Mount Antenna

LPW-868

Electrical Data

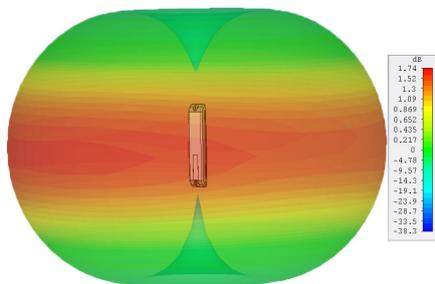
Typical VSWR*



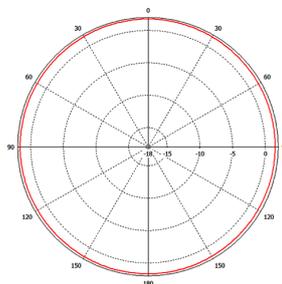
*VSWR measured in free space with 2m of RG174 cable

Patterns

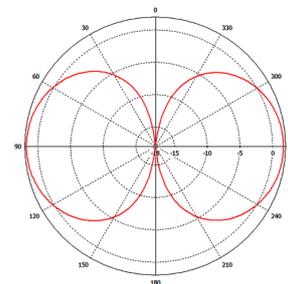
Typical 3D pattern (868MHz)



Typical H plane (868MHz)



Typical E plane (868MHz)



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.