

169MHz Surface Mount Antenna

LPW-169

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- Low profile
- Adhesive or screw, or Bracket mount
- Sealed equivalent to IP68



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.

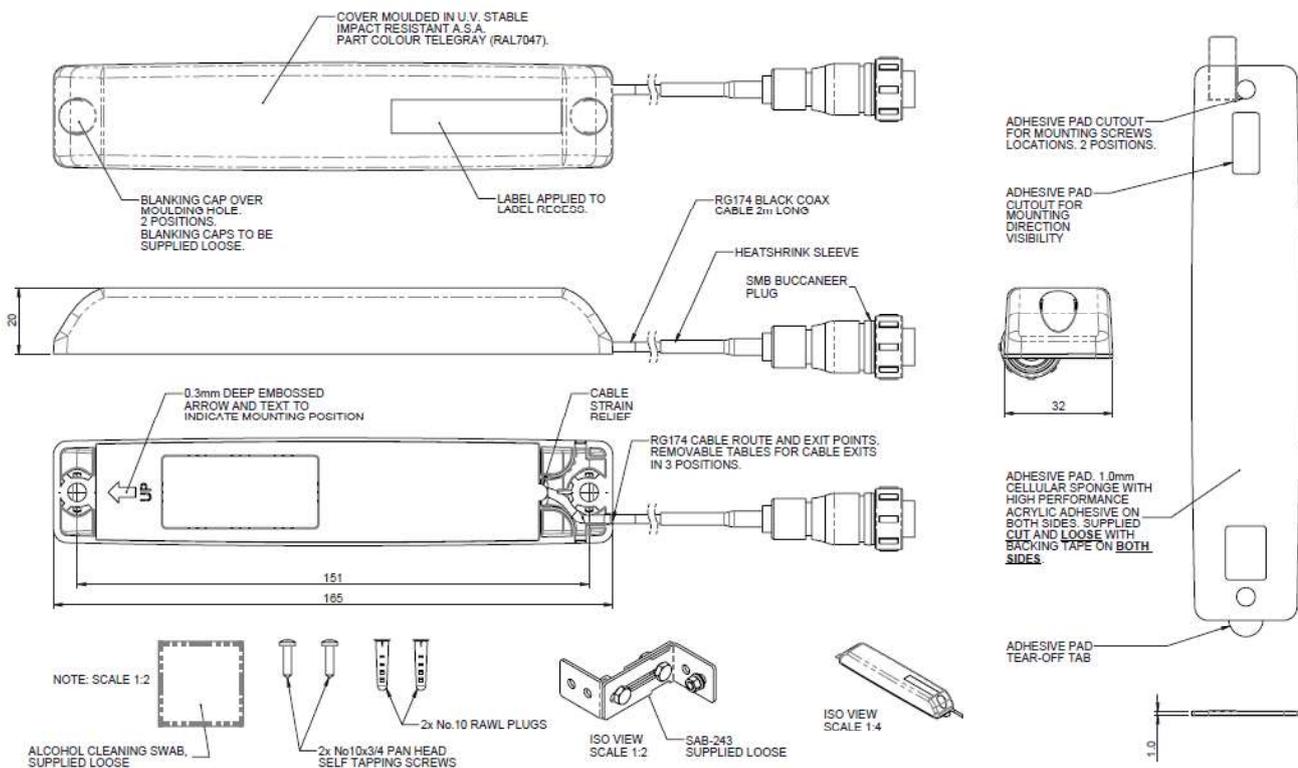
The antenna offers omni-directional performance across the 169MHz band. The efficient element design ensures a high first time connection rate and an ongoing, robust communications link.

The antenna has been designed specifically for water metering installations where meter locations may be subject to flooding. The housing is supplied fully sealed and the antenna is available with a range of waterproof connectors like the SMB Buccaneer™

The antenna can be installed in a number of ways using the supplied bracketry, screws or adhesive pad. Performance may change based on mounting surface.

Technical Drawing

LPW-169-2SMBBUC shown



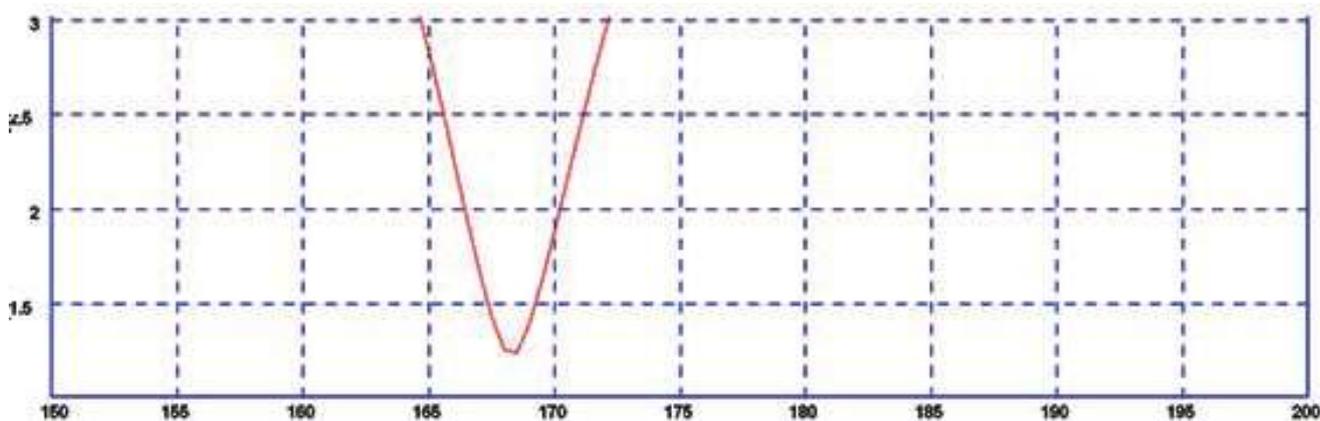
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Product Data

Part No.		LPW-169-2SMBBUC	LPW-169-2SP
Electrical Data			
Frequency Range (MHz)		169MHz	
Peak Gain: Isotropic +		-6dBi	
Typical VSWR		< 2:1	
Polarisation		Vertical	
Pattern		Omni-directional	
Impedance		50Ω	
Max input power (W)		10	
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	
Ingress Protection		Equivalent to IP68	
Mounting Data			
Fixing		Acrylic adhesive pad, adjustable offset brackets and/or 2x ST/STL 4.8/19mm screws	
Cable Data			
Cable Type		RG174	
Diameter (mm)		2.8 (.1")	
Length (m)		2(6.6')	
Termination		SMB Buccaneer™	SMA Plug

Typical VSWR*



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