

LoRa/Sigfox/ISM Band

868MHz Magnetic Mount Antenna



MAR-868-2SP



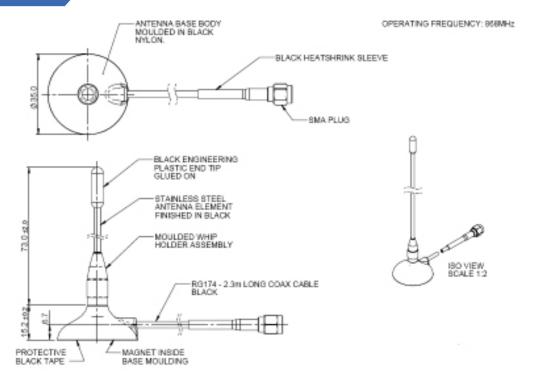
MAR-868-2SP

- No hole installation
- Omni-directional coverage
- Suitable LoRa & Sigfox IoT applications

The MAR-868-2SP is a high performance, compact magnetic mount antenna suitable for installations where a panel mount antenna can't be used.

Suitable for internal and external use, it is ideal for IoT and M2M applications using LoRa or Sigfox.

Technical Drawing MAR-868-2SP shown



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Product Data

Part No.		
		MAR-868-2SP
Electrical Data		
Frequency Range (N	1Hz)	860-870
Operational Band		LoRa Sigfox ISM
Peak Gain: Isotropic		2dBi
Compared to ¼ wave		0dB
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		20
Mechanical Data		
Dimensions (mm)	Total Height	88 (3.5")
	Base Height	15 (0.5")
	Base Diameter	35 (1.4")
Operating Temp (°C)		-30°/+70°C (-22°/158°F)
Material		High Performance PA6/66 + TPE
Colour		Black
Mounting Data		
Fixing		Magnetic mount
Cable Data		
Туре		RG174
Diameter (mm)		2.8 (0.1")
Length (m)		2.3 (7'6")
Termination		SMA Plug*

 $^{^{}st}$ Peak gain simulated $\,$ with all elements fed on 600x600mm ground plane excluding cable loss





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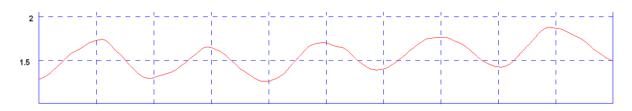
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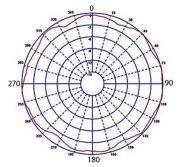
Electrical Data

Typical VSWR



* All measurements use a groundplane and 350x350mm with 2m of RG174 cable





 * All measurement use a groundplane and 350x350mm gp w/2m of RG174 cable

