



MAR-868-2SP

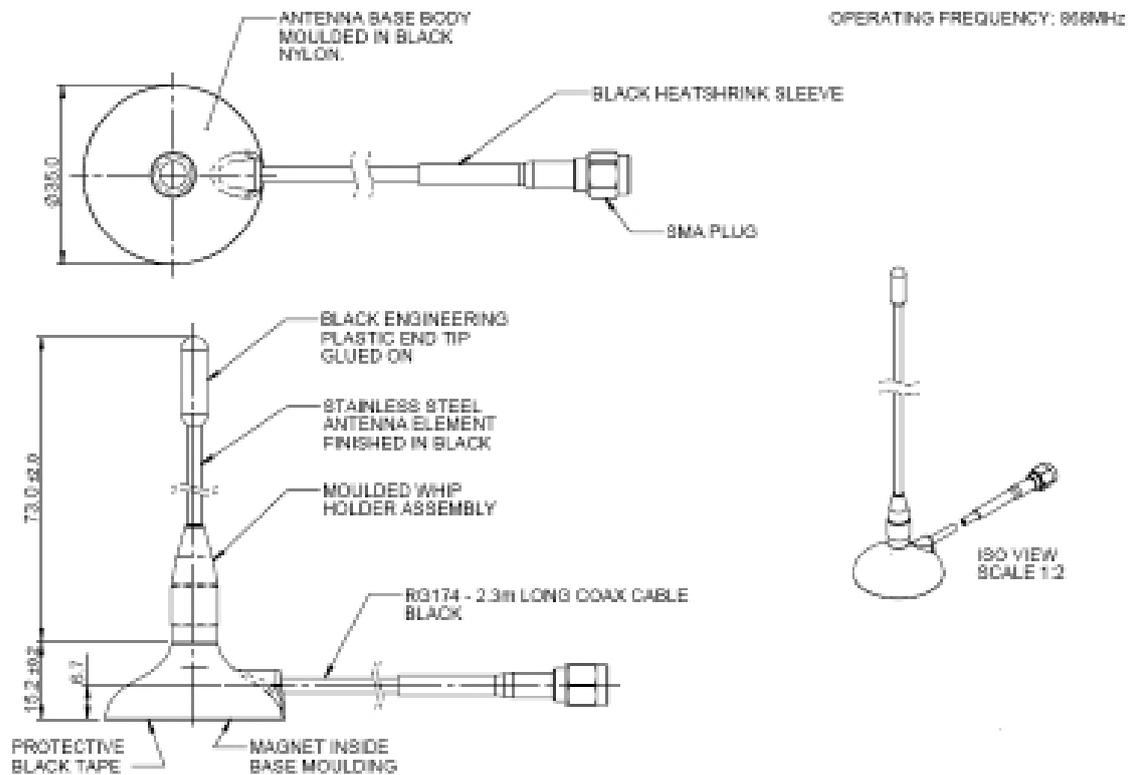
- Magnetic Mount - no Hole Required
- Omni-directional Pattern
- 2m RG174 Coax Cable, Fitted SMA Plug
- Suitable LoRa, Sigfox and ISM band
- IoT Applications

The MAR-868-2SP is a high performance, rugged, compact magnetic mount antenna suitable for installations where installation of a hole mount antenna is not possible.

Suitable for internal and external use, it is ideal for IoT and M2M applications using LoRa, Sigfox or 868MHz ISM band.

Technical Drawing

MAR-868-2SP Shown



MAR-868-2SP

Electrical Data

Frequency Range (MHz)	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	

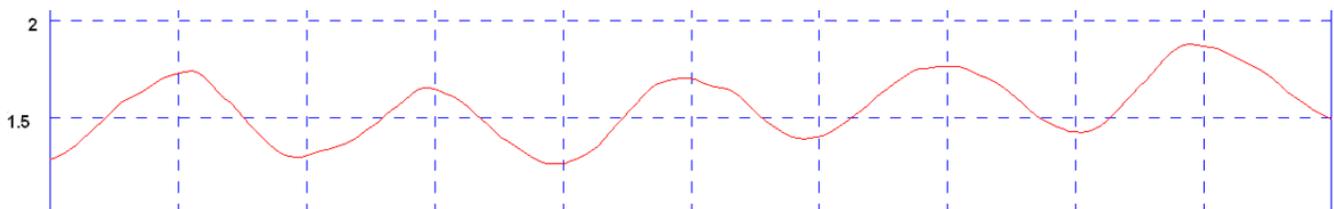
Mounting Data

Fixing	Magnetic mount
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Cable Data

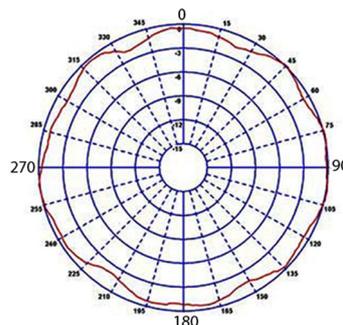
Type	RG174
Diameter (mm)	2.8 (0.1")
Length (m)	2.3 (7'6")
Termination	SMA Plug

Typical VSWR



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

Typical H-Plane (865MHz)



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