

PM-A-32

Anti-Vandalism GSM Antenna

The Anti-Vandalism GSM Antenna is for applications where theft of the standard Polar Gateway antenna is a concern. The Antenna has a dome shape with no edges that once installed and bolted in makes it difficult to remove.

Packaged Contents:

- 1x 2.5dbi Antenna

Installation guide:

The antenna can be mounted outdoors and has a IP65 seal that it may be mounted ontop of a metal electrical panel and still prevent dust and water ingress.

In order to find the best place to mount the antenna, the following considerations must be taken into account:

- The antenna should be mounted as high up as possible to get the best signal
- Should not be near any high-power lines or transformers
- Should not be obstructed by buildings, trees etc.
- When running the cable be sure to not place it in parallel with any high current or high voltage power lines.
- Take note of the cable length before installing the antenna too far for the cable to reach the Gateway

Mount the antenna

The Antenna bolts onto a flat surface with its through bolt and a M20 nut. A 21mm hole will need to be drilled into the panel in order for the antenna to mount through it. Once the antenna is placed with its bolt through the panel it is important to tightly screw the nut onto it.

This will essentially bolt the antenna to the electrical panel.

Connect the antenna to the Gateway

Once the antenna is mounted and the cable is routed to the gateway, screw the SMA connector of the cable onto the Polar Gateways SMA connector point. Please ensure that the connection is tight.



Specifications:

Parameter	Description
Electrical	
Frequency Range	824-960 / 1710-2170MHz
Gain	2dbi
Half-Power beam width	360°
Input Impedance	50 Ohm
Physical	
Dimensions (Diameter x Length)	68 x 54.5mm
Operating temperature	-30°C to 70°C
Colour	Black
Cable	RG174
Cable Length	1000mm
Connector (cable)	SMA
IP Rating	IP65

Dimensions

