

LGMM-EXT-R

1. Introduction

LGMM-EXT-R is an extension kit and sealing pad for the LG[P]MM range of antennas. This kit has been specially designed to allow mounting on ribbed panels (ribs up to 0.4" or 10mm height) and uneven surfaces. The kit contains an extension bush with slotted nuts and washers and a semi-closed cell EPDM foam pad to seal the mounting hole and to shape itself to the uneven features on the mounting panel. This installation guide must be read with the full installation instructions for the LG[P]MM range - SW3-259.

2. Select a suitable mounting location

Select a mounting location and ensure that there is adequate clearance under the mounting panel. Measure to check for central position if necessary. The area where the mounting hole will be placed should be as flat as possible and must allow for a 1 inch (25mm hole). If mounting the antenna to a ribbed panel with raised ribs larger than 2 inches (50mm) in width then the antenna should be mounted on the highest part of the rib if possible. Take care to avoid mounting the antenna in close proximity to other objects on the mounting panel.

3. Prepare the antenna and drill hole

Assemble the extension bush to the antenna tightening fully with a spanner. Remove the backing from the adhesive pad on the antenna and stick the foam pad in place.

Mask the panel area around the hole position to protect the paintwork and headliner. Drill a pilot hole, and then increase the hole diameter to 1 inch (25mm), ensuring that drill/cutter bit does not contact the headliner. Clean area around the hole, carefully removing all swarf. Apply some petroleum jelly or paint around the hole to prevent corrosion.

4. Fit the antenna

Feed the coaxial cables through the panel. Position the antenna over the hole ensuring correct orientation. Assemble the nut and washer from underside and tighten as much as possible without damaging or warping the panel. The recommended torque is 5Nm. Do not overtighten. Take care to ensure that the antenna does not rotate during this process. The foam pad has a semi-closed cell structure and will only seal if properly compressed.

5. Complete installation

Complete the installation, commission and test procedures as detailed in the full installation instructions for the LG[P]MM range - SW3-259.



Directive 2011/65/EU (RoHS 2)

This product is fully compliant with the RoHS 2 directive

Waiver: This document represents information compiled to the best of our present knowledge. It is not intended to as a representation or warranty of fitness of the products described for any particular purpose. This document details guidelines for general information purposes only. Always seek specialist advice when planning installations. Panorama accepts no liability whatsoever for loss or damage caused by installations not fully compliant with these installation instructions.

Fig.1 Kit contents

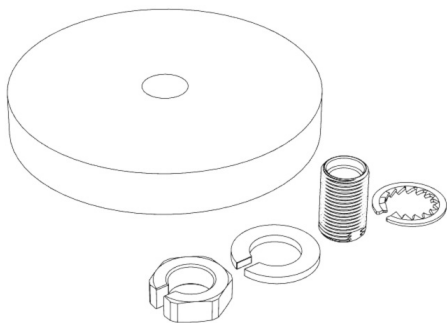


Fig.2 Install extension bush *

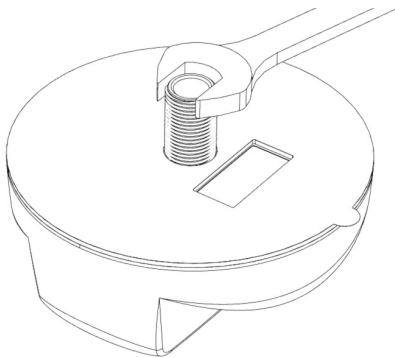


Fig.3 Locate foam pad

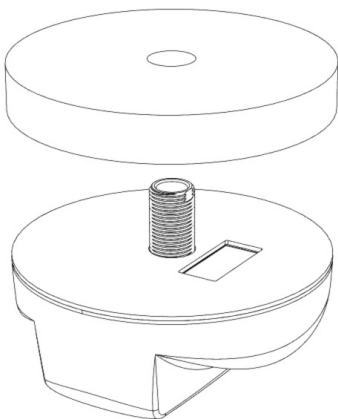


Fig.4 Fit antenna

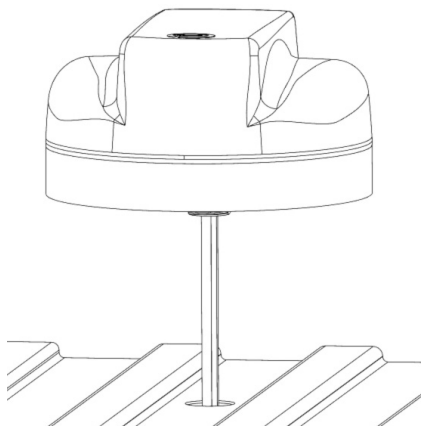


Fig.5 Tighten nut fully *

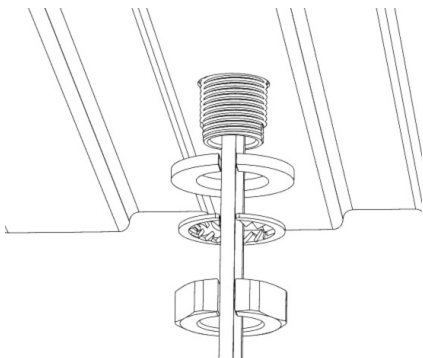
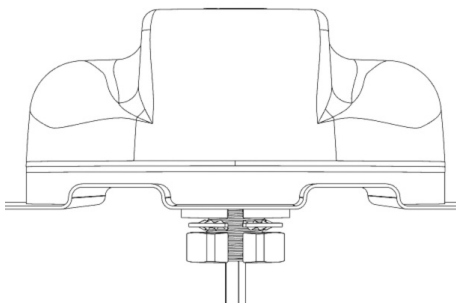


Fig.6 Cross section of complete installation



* Tighten to recommended torque of 5Nm. Do not overtighten.