

FILTER/TMA INSTALLATION INSTRUCTIONS

INSTRUCTIONS

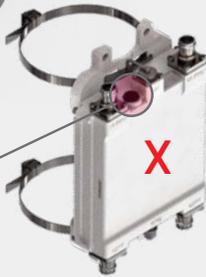


Power off BTS before starting the mounting process.

Do not apply power before all the connections are complete.



Vent Plug



Recommended installation orientation.



To maintain optimal performance over time of the pressure equalization vent plug, it is recommended to install the unit with the vent on the side (preferred) or facing downwards, to avoid collection of dust and dirt on it.

- Inspect the equipment and ensure that needed tools and supplies are available before starting operations.
- The instructions are addressed to skilled installation teams, properly trained, and instructed about relevant national safety regulations.
- It is prohibited to open enclosed equipment.
- The installation team is responsible for correctly installing any ANDREW® RF accessory (e.g., TMA, n-plexers, IMF filters) part of the RF path from the Base Station to the antenna.
- ANDREW designs and manufactures RF accessories operating under the environmental conditions stated in the product datasheet. After installation, site compliance to applicable regulatory requirements should be subjected to further verifications.
- ANDREW accessories and cables are recommended to ensure best installation.

Mounting Instructions:

The accessories can be wall, pole or rack-mounted:

The mounting hardware support must withstand the device's weight and be suitable for extended outdoor use.

Mount to the wall: use available holes on the brackets.

The screws are not provided with the equipment.

Mount to a pole: use the clamping set provided with the equipment and tighten to 7.5-10Nm.

Mount in a rack: use available holes on the brackets.

The screws are not provided with the equipment.

Connect the RF cables to the correct port following the port designators described in the product datasheet.

Tighten the RF and AISG connectors by recommended torque from male connector manufacturers.

Finalize the grounding connection using suitable ground cable (5-16mm² section, typ.).

Tighten the nut to the appropriate torque based on ground screw size.

Ground cable is not supplied with the unit; good installation practice requires the ground path to be as short and direct as possible (no loops or knots allowed).

Water sealing: to avoid water ingress into the accessory, it is recommended to seal all connectors with proper water-resistant sealing tape or ANDREW HELIAX® SureGuard®.

Clamp mount Instructions



Step 1 - Unscrew the clamp



Step 4 - Insert the free terminal of the clamp into lock



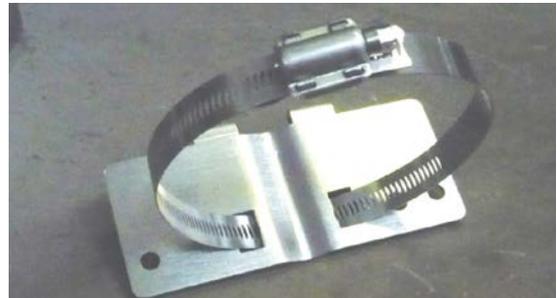
Step 2 - Open the clamp



Step 5 - Tighten the screw along the band up to the required torque (recommended 7.5 to 10Nm max) by means of a screwdriver



Step 3 - Insert clamp into bracket



Step 6 - Fully assembled

Since 1937, ANDREW, an Amphenol company, has driven the evolution of wireless technology. Trusted by mobile network operators and enterprises globally, we work closely with our customers to deliver innovative solutions that enhance connectivity experiences both outdoors and indoors. Our dedicated global team is committed to advancing the industry, fueled by the vision that a better-connected future is possible.



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