

Installation Manual

Safeguards:



Make sure BTS is powered off before starting the mounting process.

Do not apply power before all the connections are complete.

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 the correct installation of any CommScope RF accessory (e.g. TMA, n-plexers, IMF filters) part of the RF path from Base Station to antenna.

CommScope 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.

CommScope 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 be capable to withstand the weight of the device and suitable for extended outdoor use.
- Mount to the wall: use available holes on the brackets. Screws are not supplied with the equipment.
- Mount to a pole: use the clamping set provided with the equipment and tighten to 10Nm.
- Mount in a rack: use available holes on the brackets. Screws are not supplied with the equipment.
- Connect RF cables to the correct port following the port designators described in the product datasheet.
- Tighten 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 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 that all connectors are sealed with proper water-resistant sealing tape or CommScope HeliAx® SureGuard.

