

CDX-TREME Series Cellular Antennas

INSTALLATION GUIDE



Thank you for purchasing this RFI Antenna. The CDX-TREME Series antennas are specifically designed to reliably provide maximum range and performance in all 5G LTE cellular bands including 698-960, 1710-2170, 2300-2700 & 3400-3800 MHz in the harshest of environments.

Parts List:

Please check to ensure your antenna includes the following:

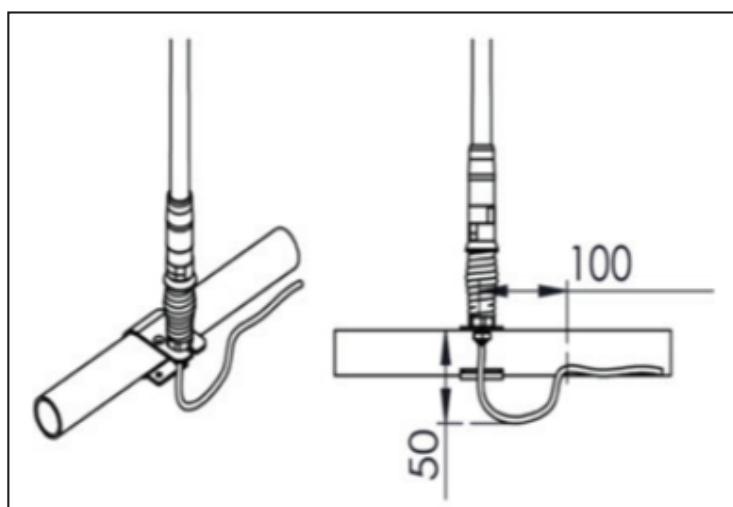
CDX-TREME Series

- 1 x Removeable CDX-TREME series whip
- 1 x Spring assembly with 5m RG58 low loss cable terminated with SMA male connector

Note: To ensure that your antenna is securely mounted it is recommended to tighten the mounting nut against the star washer to achieve the correct tightness, to provide a uniform clamping force and stress distribution in the joint to prevent failures. Routine checking of nut tightness is recommended for secure antenna mounting.

Installation:

- The antenna can be mounted on a vehicle guard, boot, bull bar or other locations using an appropriate mounting bracket, however in the case of the CDX-TREME Series, we recommend mounting on a bull bar.
- When choosing a mounting location, it is best ensure that the whole antenna (in particular, the fibreglass whip section itself) is as high as possible and as far away as practical from metallic obstructions (roof racks or vehicle pillars). This will minimise reflection or shadowing of the signal.
- For best result ensure there are no other antennas installed within 0.6 metre of the antenna when installed to minimise signal interference.
- This antenna has been factory terminated with an SMA male connector to simplify installation and comes complete with 5m of RG58 low loss cable. In most cases no further cable termination should be required.
- Your CDX-TREME Series may be supplied with the whip not installed. If this is the case, please remove (& keep) the protective cap and screw the antenna onto the spring assembly and tighten as necessary.
- Use the supplied Allen key to tighten the grub screw on the side of the whip to affix it to the spring assembly. This reduces easy removal of the whip without an Allen key.



Important: When installing any spring-loaded antenna, it is important to allow enough loose cable at the base of the antenna for when the spring flexes. A loop of 50mm before fixing the cable would be sufficient for CDX-TREME Series antennas (see pictures).