

PRO SERIES UHF CB Antennas

INSTALLATION GUIDE



Thank you for purchasing the PRO SERIES Antenna by RFI.

These antennas are specifically designed to reliably provide optimum range and performance in the 477 MHz Citizen Band in vehicle mounted applications.

Frequency Band:

476.425 - 477.4125



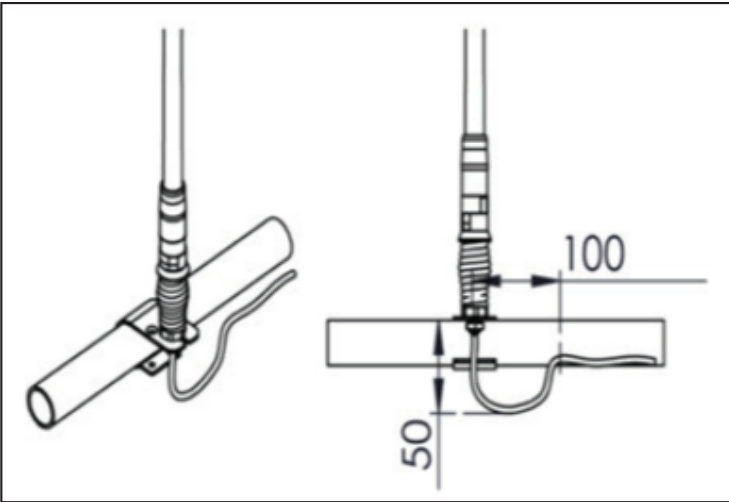
Parts List:

Please check to ensure your antenna includes the following:

CD Series	CDR Series	CDQ Series
Qty. 1 x Complete antenna with black spring base & integrated 5m x low-loss flexible cable terminated with FME(F) Jack connector	Qty. 1 x Removable antenna whip	Qty. 1 x Removable antenna whip
Qty. 1 x Adaptor: FME(male) Plug to UHF(male) Plug	Qty. 1 x Black spring base & integrated 5m x low-loss flexible cable terminated with FME(F) Jack connector	Qty. 1 x Black Heavy-Duty spring base & integrated 5m x low-loss flexible cable terminated with FME(F) Jack connector
	Qty. 1 x Adaptor: FME(male) Plug to UHF(male) Plug	Qty. 1 x Adaptor: FME(male) Plug to UHF(male) Plug

Installation:

- The antenna can be mounted on a vehicle guard, boot, bull bar or other locations using an appropriate mounting bracket. For the longer whip antenna models, bull-bar mounting is ideal.
- When choosing a mounting location, it is best to 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 600mm of the antenna when installed to minimise signal interference.
- The antenna base is fitted with 5m of RG58 low loss coaxial cable - factory terminated with an FME(F) connector (jack) to simplify installation. In most cases no further cable termination should be required. A coaxial adaptor (FME plug to UHF plug) is also included.
- CDR & CDQ Series antennas may be supplied with the whip detached. If this is the case, please remove (& keep) the protective cap from the top of the spring assembly, screw the antenna onto the spring assembly and tighten as necessary.



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 image).