

CD19/29 Series Antenna Installation Instructions

The CD19/29 Series antennas provide greater bandwidth coverage without sacrificing antenna performance. Their no tune design eliminates the need to tune in the field, hence reducing installation costs and complexity while improving overall coverage of the desired frequencies.

The integrated matching circuit is housed in a rugged, impact-resistant base for maximum durability with a tapered stainless steel highly flexible whip. The CD29 is designed to interface with standard PL259 (MBC) mobile mounts, facilitates existing installation upgrades.

Series/Model	Frequency Band	VSWR
CD19-7077-xx	70-77 MHz	<1.8:1*
CD19-7785-xx	77-85 MHz	
CD29-118136-xx	118-136 MHz	
CD29-138166-xx	138-166 MHz	
CD29-148174-xx	148-174 MHz	

* Please note VSWR response may vary between vehicle types and/or mounting locations.

XX relates to the difference versions as follows:

- 00: Whip only; does not included MBC base and/or cable
- 50: Whip and MBC base; does not include cable
- 53: Whip an MBC terminated with 5m RG58C/U cable

To terminate the Antenna to an MBC base:

1. Strip back cable to the dimensions shown (mm)
2. Fold braid back over jacket
3. Insert cable and screw braid into the threaded flange
4. Solder the centre conductor the slot in the centre pin and replace base cap.

