

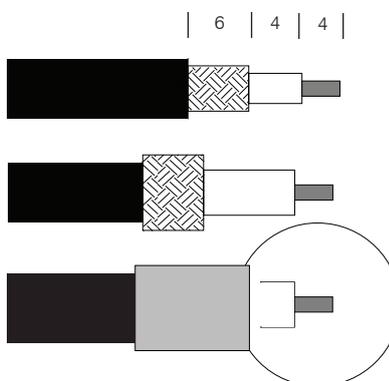
RFI's CD30 Series dual band antenna supports both LMR VHF and UHF band, providing full interoperability among emergency services and commercial radios, regardless of operating band. The CD30 provides outstanding coverage of VHF/UHF frequencies, in a ready-to install, no tune design.

The integrated matching circuit is housed in a rugged, impact-resistant moulded base for maximum durability with a fully moulded highly flexible whip. The CD30 is designed to interface with standard PL259 (MBC) mobile mounts, facilitating an easy upgrade on public safety vehicles.

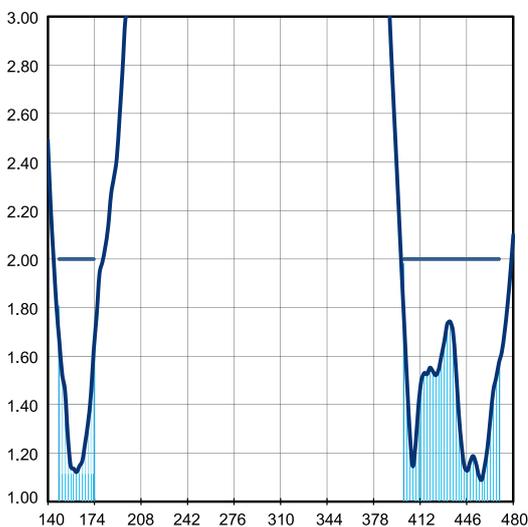
NOTE: The CD30 is ground dependant and should be mounted on a ground plane or close to a ground plane (e.g. roof racks etc.) as possible.

To Terminate the Antenna:

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 to the slot in the centre pin and replace base cap.



VSWR Plot



Model Number	Description	Frequency Band	VSWR
CD30-148470-00	Dual Band VHF/UHF antenna (whip only)	148-174MHz 400-470MHz	<2.0:1
CD30-148470-50	Dual Band VHF/UHF antenna with MBC base (no cable)		
CD30-148470-53	Dual Band VHF/UHF antenna with MBC base & 5m RG58C/U (no connector)		