

UHF Elevated Feed Mopole™

400-520MHz

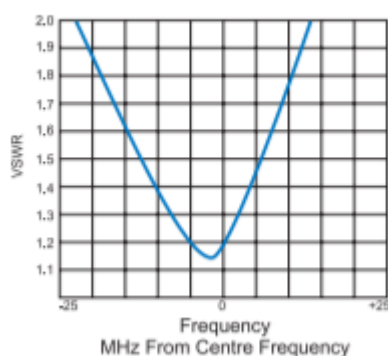
CD93 Series

The CD93 Series are high performance elevated feed mobile antennas which can be used in virtually any mounting position. When gutter or roof bar mounted, high above a vehicle, CD93 Series antennas deliver a full 6.5dB of gain over a 1/4 wave whip.

Features:

- Totally ground plane independent
- Elevated feed boosts radiating element above obstructions
- “Phasemaster™” whip section provides superior performance and strength
- Quality construction - choke assembly is crafted from solid brass

Typical VSWR response (CD93 Series)



Electrical Specifications

Model Number	CD93-65-70	CD93-70-70	CD93-71-70	CD93-72-70
Gain	6.5dB over a ¼ wave. See note (1)			
Frequency MHz	400-420	450-470	470-490	490-520
Power W	100			
Tuned Bandwidth	Entire specified band @ <1.6:1 VSWR			
Tuning	Supplied pre-tuned			

Mechanical Specifications

Model Number	CD93-65-70	CD93-70-70	CD93-71-70	CD93-72-70
Colour Code	Black	Red	Blue	Yellow
Whip Material	17-7PH stainless steel with black powder coated finish			
Antenna Length mm	810 (including whip and choke section)			
Mounting	Threaded stud and nut assembly			
Cable & Connector	Not included. See note (2).			

- (1) Mopole™ antenna such as the CD93 have been shown to exhibit a 6.5dB improvement in performance over a ¼ wave whip in pattern tests and delivery only 1.5 to 2.5dB of actual gain. This improvement can be attributed to a lower angle of radiation and is of particular benefit in rugged terrain conditions and heavily built up city areas.
- (2) Available pre-terminated with 5m RG58 (8058) cable. Use -73 to replace -70 suffix.