UHF Ground Independent Mopole™





Electrical

Model No.	CD50-65-50	CD50-65-70	CD50-68-50	CD50-68-70	CD51-65-50	CD51-65-70	CD51-68-50	CD51-68-70	
Gain	4dB over a 1/4 wave. See note (1)								
Frequency MHz	380	- 440	450 -	- 520	380 -	- 440	450	- 520	
Power W	50								
Tuned Bandwidth	13 MHz @ <1.5:1 VSWR								
Tuning	Field tune to minimum VSWR using supplied tuning chart								

Mechanical

Model No.	CD50-XX-50	CD50-XX-70	CD51-XX-50	CD51-XX-70			
Whip Material	17-7 PH Sta	ainless steel	Copper braid element in flexible nylon tubing				
Whip Length mm	39	95	360				
Mounting	MBC base (included)	Threaded stud	MBC base (included)	Threaded stud			
Cable and Connector	Not included, order separately. See note (2)						

(1) Mopole[™] antennas such as the CD50 and CD51 exhibit a 4dB improvement in performance over a ¼ wave whip but in pattern tests deliver only 2.0 to 2.5dB of actual gain. This improvement in performance can be attributed to a lower angle of radiation and is of particular benefit to users in rugged terrain conditions and in heavily built up city areas.

(2) Available preterminated with 5m 8058 RG58C/U. Use -73 or -53 suffix to replace -70 or -50 suffix.

Australian Patent No. 596830 and 656793



380-520 MHz

