

# Cellular Elevated Feed

824-1880 MHz

CD1220, CD1620, CD1250, CD1250T



Elevated feed antennas provide high performance in virtually any mounting position.

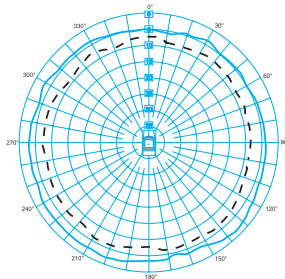
The elevated feed design raises the radiating element above the vehicle roof or other obstructions to provide a strong omnidirectional pattern and high performance for vehicle gutter, fender, boot or magnetic mounting.

## Features:

- High performance omnidirectional gain
- 'Problem Solver' - Elevated feed design eliminates need for a ground plane and boosts the radiating element over obstructions
- Black finish will not scratch or peel
- Limited lifetime warranty
- CD1250 (CDMA only) offers 5 dB gain for maximum range in country or fringe areas
- Range of fittings available including fender (shown), gutter and magnetic mount



**MK-850**  
MAGNETIC MOUNT



*This pattern clearly shows that when mounted on the gutter clear of obstructions, this antenna is providing a gain of 4.5dB or more over a ¼ wave whip and a pattern variance of only 1-2dB. The antenna is clearly operating independent of the ground plane and is a superior choice in this mounting position.*

TEST FREQUENCY: 850 MHz
REFERENCE ANTENNA MODEL: SW1405 MOUNT: MB14 Roof Centre
TEST ANTENNA MODEL: CD1225 MOUNT: Gutter Mount Passenger Side

## Electrical

Model Number	CD1225 Series	CD1625 Series	CD1250	CD1250T
Gain	3dB over a ¼ wave		5dB over a ¼ wave	
Frequency MHz	824 - 896	890 - 960 1710 - 1880	824 - 896	
Power W	50			
Tuned Bandwidth	Entire specified band @ <2.0:1 VSWR			
Tuning	Supplied pre-tuned, ready for installation			

## Mechanical

Model Number	CD1225 Series	CD1625 Series	CD1250	CD1250T
Whip Material	17-7PH Stainless steel black finish			
Whip Length mm	470	432	765	
Mounting	14mm Stud		14mm Stud	MK-850 Magnetic Mount
Cable and Connector	Supplied with 5.0m Cellofoam® cable. Please specify mini UHF, FME or N-male connectors.			Supplied with 5.0m Cellofoam cable pre-terminated with FME female connector. A-88 included.