

UHF CB Mopole™ Mobile Antenna

477 MHz

CD63 Series



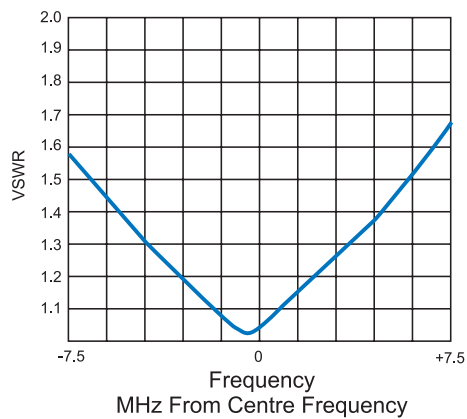
The CD63 Series Mopole™ antennas offer complete versatility in mounting options. Unlike conventional roof mount antennas, the CD63 Series antennas have true ground independence which allows mounting in a variety of positions including vehicle mirror, gutter or roof bar mounts.

This extraordinary performance is made possible by the use of an exclusive (and patented) high impedance matching circuit in the base coil. This allows the end feeding of the collinear whip section, a $\frac{5}{8}$ wave over a $\frac{1}{2}$ wave radiator wound from a single piece of high resilience 17-7PH stainless steel.

Features:

- Available in two mounting options, removable MBC style (CD63-71-5x) or threaded stud and nut (CD63-71-7x)
- Excellent performance - Exhibits 6.0dB gain over a $\frac{1}{4}$ wave whip mounted in the centre of a metal roof
- Flexible - Stainless steel whip returns to shape after bending
- Rugged - The base coil is housed in a high impact thermoplastic moulding and is practically indestructible
- Stylish - Attractive black finish, complements vehicle styling

Typical VSWR response



Electrical Specifications

Model Number	CD63-71-5x	CD63-71-7x
Frequency MHz	476-478	
VSWR	< 1.5:1	
Gain dBq	6	
Tuned Bandwidth	Full	
Power W	25	

Mechanical Specifications

Model Number	CD63-71-5x	CD63-71-7x
Whip Material	17-7PH Stainless Steel	
Length mm	800	
Mounting	MBC base supplied	Stud mount
Cable & Connector	<p>-50 = No cable</p> <p>-53 = 5m RG58 (No connector)</p> <p>-55 = 5m RG58 terminated with FME female connector & supplied with FME male to UHF male adaptor</p>	<p>-73 = 5m RG58 (No connector)</p> <p>-75 = 5m RG58 terminated with FME female connector & supplied with FME to UHF male adaptor</p>