

# Broadband VHF Mobile Antenna

## 118-136 MHz, 138-166MHz or 148-174MHz

### CD29 Series



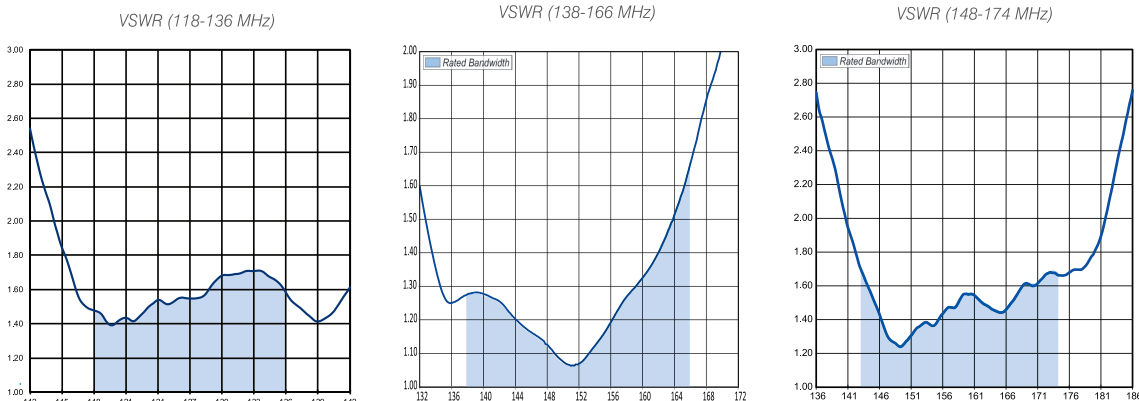
The CD29 Series antennas provide great bandwidth coverage without sacrificing antenna performance. Their no tune design eliminates the need to tune in the field, hence reducing installation costs and complexity while improving overall coverage of the desired frequencies.

The integrated matching circuit is housed in a rugged, impact-resistant base for maximum durability with a tapered black powder coated stainless steel highly flexible whip. The CD29 is designed to interface with standard PL259 (MBC) mobile mounts, facilitates existing installation upgrades.

#### Features:

- Ground plane independent design allows alternative mounting locations
- Ultra-broadband coverage (118-136 MHz, 138-166MHz or 148-174 MHz) means no tuning in the field
- Highly flexible tapered black powder coated stainless steel whip
- Base is virtually indestructible

#### VSWR:



#### Electrical Specifications

Model Number	CD29-118136-xx	CD29-138166-xx	CD29-148174-xx
Frequency MHz	118-136	138-166	148-174
Tuned Bandwidth	Full		
Gain dBq	3.0		
Polarisation	Vertical		
VSWR	<1.8:1*		
Impedance Ω	50		
Power Handling W	25		

\*Please note VSWR response may vary between vehicle types and/or mounting locations.

#### Mechanical Specifications

Model Number	CD29-118136-xx	CD29-138166-xx	CD29-148174-xx
Whip Material	Tapered black powder coated stainless steel		
Length mm	900	885	745
Mounting	MBC base		

#### Versions:

- 00 Whip only, no MBC base, cable or connector
- 50 Whip and MBC base, no cable or connector
- 53 Whip and MBC base terminated with 5m RG58C/U, no connector