

Broadband VHF Mid-Band Mobile Antenna

70-77 MHz & 77-85 MHz

CD19 Series



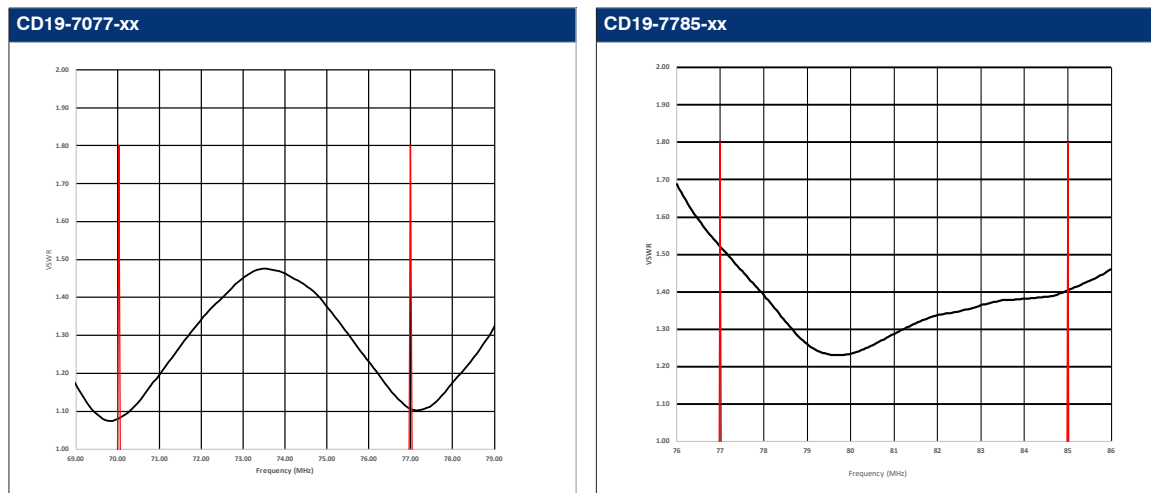
The CD19 Series antennas provide great bandwidth coverage without sacrificing antenna performance. Their no tune design eliminates the need to tune in the field, hence reducing installation costs and complexity while improving overall coverage of the desired frequencies.

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 CD19 is designed to interface with standard MBC (Right Angle SO-239) mobile mounts, facilitates existing installation upgrades.

Key Features:

- Ground plane dependent - requires grounding to vehicle
- Broadband coverage (70-77 MHz or 77-85 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	CD19-7077-xx	CD19-7785-xx
Frequency MHz	70-77	77-85
Tuned Bandwidth	Full	
Gain dBq	1.5	
VSWR	<1.8:1*	
Impedance Ω	50	
Power W	25	

*Please note VSWR response may vary between vehicle types and mounting locations

Mechanical Specifications

Model Number	CD19-7077-xx	CD19-7785-xx
Whip Material	Tapered black powder coated stainless steel	
Length mm	1285	1040
Mounting	MBC (Right Angle SO-239)	

Versions

-00	Whip only, no MBC base, cable or connector
-50	Whip & MBC cable or connector
-53	Whip & MBC base terminated with 5M RG50C/U cable, no connector